

## Product Datasheet

# Latent TGF beta 3 Protein, Human, Recombinant (His) (orb1960626)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>    | orb1960626                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>       | Transforming growth factor-betas (TGF- $\beta$ s) are multifunctional cytokines that have been implicated in the regulation of a broad range of biological processes, including cell proliferation, cell survival, and cell differentiation. And transforming growth factor beta3 (TGFbeta3) is a key protein involved in scar-free healing observed in embryos. Latent TGF beta 3 Protein, Human, Recombinant (His) is expressed in HEK293 mammalian cells with N-His tag. The predicted molecular weight is 45.9 kDa and the accession number is P10600-1. |
| <b>Storage</b>           | -20°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Tag</b>               | N-His                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Note</b>              | For research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Application notes</b> | Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 $\mu$ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.                                                                                                                                                                                                                                                                             |
| <b>Purity</b>            | 98.00%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW</b>                | 45.9 kDa (predicted). Due to enzyme lysis and glycosylation, the protein migrates to 46-50 kDa and 55-60 kDa based on Tris-Bis PAGE result.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Uniprot ID</b>        | <b>P10600</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Expiration Date</b>   | 6 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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