

## Product Datasheet

### Recombinant Rat Vascular Endothelial Growth Factor 120, Yeast (orb1906115)

**Description**

Recombinant Rat Vascular

|                         |                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Yeast                                                                                                                                                                                                                                                                       |
| <b>Endotoxins</b>       | Less than 0.1 EU/ug of rRtVEGF120, Yeast as determined by LAL method.                                                                                                                                                                                                       |
| <b>Form/Appearance</b>  | Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.                                                                                                                                                                                                    |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.     |
| <b>Note</b>             | For research use only                                                                                                                                                                                                                                                       |
| <b>Protein Sequence</b> | MAPTTEGEQK AHEVVKFMDV<br>YQRSYCRPIE TLVDIFQEYP<br>DEIEYIFKPS CVPLMRCAGC<br>CNDEALECVP TSESNVTMQI<br>MRIKPHQSQH IGEMSFLQHS<br>RCECRPKKDR TKPEKCDKPR R                                                                                                                        |
| <b>Purity</b>           | > 95 % by SDS-PAGE and 90% by SEC-HPLC analyses.                                                                                                                                                                                                                            |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                       |
| <b>MW</b>               | Theoretically as a disulfide-linked homodimeric protein, the product consists of two 121 amino acid polypeptide chains. As a result of glycosylation, it migrates to at least two bands with molecular weights ranging from 18.5 kDa in SDS-PAGE under reducing conditions. |
| <b>Expiration Date</b>  | 6 months from date of receipt.                                                                                                                                                                                                                                              |