

## Product Datasheet

### Human CCR4-VLPs Protein (orb1478131)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | Recombinant Human C-C chemokine receptor type 4(CCR4)-VLPs (Active)                                                                                                                                                                                                                                                                                                                             |
| <b>Endotoxins</b>        | Less than 1.0 EU/ug as determined by LAL method.                                                                                                                                                                                                                                                                                                                                                |
| <b>Preservatives</b>     | Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4                                                                                                                                                                                                                                                                                                                                    |
| <b>Form/Appearance</b>   | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                 |
| <b>Tag</b>               | C-terminal 10xHis-tagged (This tag can be tested only under denaturing conditions)                                                                                                                                                                                                                                                                                                              |
| <b>Note</b>              | For research use only                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Application notes</b> | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing.                                  |
| <b>Protein Sequence</b>  | MNPTDIADTTLDESIYSNYYLYESIPKPCTKEGIKAFGELFLPPLYSLVFVFGLLGNS<br>VVVLVLFKYKRLRSM TDVYLLNLAISDLLFVSLPFWGYAADQWVFGGLGCKMI<br>SWMYLVGFYSGIFFVMLMSIDRYLAIVHAVFSRLRARTLTYGVITSLATWSVAVFAS<br>LPGFLFSTCYTERNHTYCKTKYSLNSTTWKVLSSLEINILGLVIPLGIMLFCYSMIIR<br>TLQHCKNEKKNKAVKMIFAVVFLFGFWTPYNIVLFLETLELEVLQDCTFERLYLD<br>YAIQATETLAFVHCCLNPIIYFFLGEKFRKYILQLFKTCRGLFVLCQYCGLLQIYSAD<br>TPSSSYTQSTMDHDLHDAL |
| <b>Purity</b>            | Testing in progress.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>            | Mammalian cell                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MW</b>                | 43.2 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Uniprot ID</b>        | <b>P51679</b>                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Expiration Date</b>   | 6 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                  |