

## Active Recombinant Human ACKR3 Full Length Transmembrane protein, Flag-tagged(Nanodisc)

**Cat. No.** ACKR3-9482H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                             |
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| <b>Product Overview</b> | Recombinant Human ACKR3 Full Length Transmembrane protein(P25106)(Nanodisc), fused with C-terminal Flag tag, was expressed in HEK293.                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.                                                                                                                                                            |
| <b>Bio-activity</b>     | Elisa plates were pre-coated with Flag Tag CXCR7-Nanodisc (0.2µg/per well). Serial diluted anti-CXCR7 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CXCR7 monoclonal antibody binding with CXCR7-Nanodisc is 14.28ng/ml. |
| <b>Molecular Mass</b>   | The human full length CXCR7 protein has a MW of 41.5 kDa.                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                             |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                               |

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