

HDFP795

Product Information

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| Product SKU: | HDFP795 | Expression Host: | HEK293 | Size: | 10µg |
| Target: | CXCR3 | Tag: | C-Flag&Strep Tag | | |

Additional Information

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| Conjugate: | Unconjugated | Uniprot ID: | P49682 |
| Molecular Weight: | The human full length CXCR3-Strep protein has a MW of 40.6 kDa | | |

Protein Information

Background: A G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4.

Synonyms: CD182; CD183; CKR-L2; CMKAR3; GPR9; IP10-R; Mig-R; MigR

Protein Description: Human CXCR3-Strep full length protein-synthetic nanodisc

Formulation: 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. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction.

Protein Families: Druggable Genome, GPCR, Transmembrane.

Usage: Research use only

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.