

HDFP758

Product Information

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|---------------------|---------|-------------------------|-------------------------------|--------------|------|
| Product SKU: | HDFP758 | Expression Host: | HEK293 | Size: | 10µg |
| Target: | CXCR4 | Tag: | Biotinylated, Flag&Avi Tag | C- | |

Additional Information

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|--------------------------|--|--------------------|--------|
| Conjugate: | Unconjugated | Uniprot ID: | P61073 |
| Molecular Weight: | The human full length CXCR4 Protein has a MW of 44.5 kDa | | |

Protein Information

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| Background: | This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells. Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008] |
| Synonyms: | CD184; D2S201E; FB22; HM89; HSY3RR; LAP-3; LAP3; LCR1; LESTR; NPY3R; NPYR; NPYRL; NPYY3R; WHIM; WHIMS1 |
| Protein Description: | Biotinylated Human CXCR4 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 |
| Protein Pathways: | Axon guidance, Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Endocytosis, Leukocyte transendothelial migration. |
| Protein Families: | Transmembrane. |
| Usage: | Research use only |

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | Web: www.assaygenie.com

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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.

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