

Human CXCR4 Full-Length Bioactive Membrane Protein

HDFP055



Product Information

Product SKU:

HDFP055

Size:

10µg

Molecular Weight:

The human full length CXCR4 protein has a MW of 39.7 kDa

Expression System:

HEK293

Uniprot:

P61073

Target:

CXCR4

Antibody Information

Background:

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.

Description:

Human CXCR4 full length protein-synthetic nanodisc

Protein Family:

Druggable Genome, ES Cell Differentiation/IPS, GPCR, Transmembrane

Protein Pathways:

Axon guidance, Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Endocytosis, Leukocyte transendothelial migration

Synonyms:

CD184; D2S201E; FB22; HM89; HSY3RR; LAP-3; LAP3; LCR1; LESTR; NPY3R; NPYR; NPYRL; NPYY3R; WHIM; WHIMS

Storage:

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.

Usage:

Research use only

Form:

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.

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