PRODUCT INFORMATION

Tag	N-Single Strep, C-Flag Tag
Expression Host	E.coli
Target	CXCR4
Description	Human CXCR4 cell-free full length protein-Nanodisc
Synonyms	CD184; D2S201E; FB22; HM89; HSY3RR; LAP-3; LAP3; LCR1; LESTR; NPY3R; NPYR; NPYRL; NPYY3R; WHIM; WHIMS
Uniprot ID	P61073
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, GPCR, Transmembrane
Protein Pathways	Axon guidance, Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Endocytosis, Leukocyte transendothelial migration
Molecular Weight	The human CXCR4 cell-free full length protein-Nanodisc has a MW of 42.1kDa
Delivery	1 week
Formulation & Reconstitution	Liquid, 20mM HEPES, 150mM NaCl, pH8.5
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Storage&Shipping	Store at -80℃, Ship on dry ice.
Purity	>80%
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.
Usage	Research use only
Conjugate	Unconjugated

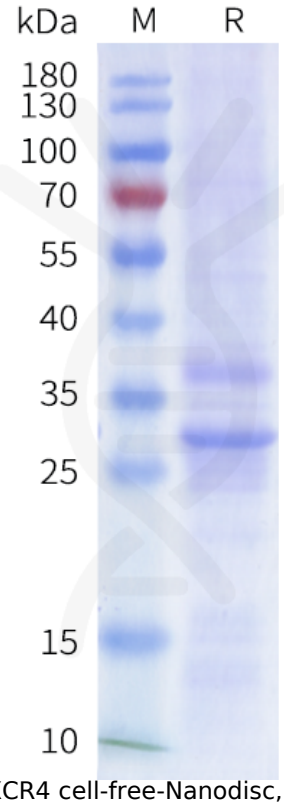

Figure 1. Human CXCR4 cell-free-Nanodisc,N-Single Strep, C-Flag Tag on SDS-PAGE.