

CXCR1 protein

Human CXCR1 full length protein-synthetic nanodisc

CATALOG #
AAA47624

HOST
HEK293

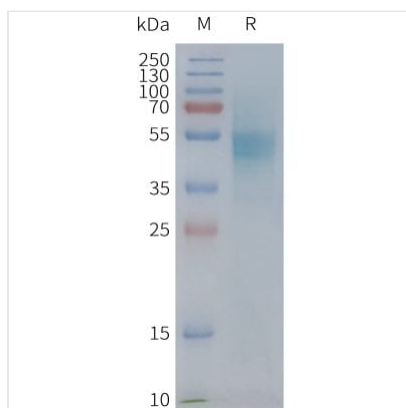
PRODUCT SYNONYMS

CXCR1; Human CXCR1 full length protein-synthetic nanodisc; C-C; C-C-CKR-1; CD128; CD181; CDw128a; CKR-1; CMKAR1; IL8R1; IL8RA; IL8RBA; CXCR1 protein

PRODUCT SPECIFICATIONS

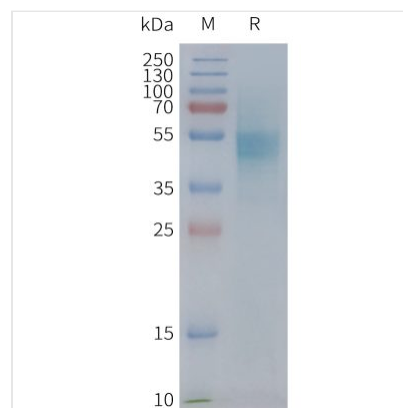
Host	HEK293
Form/Format	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing).

IMAGES



SDS-PAGE

Figure1. Elisa plates were pre-coated with DYKDDDDK Tag CXCR1-Nanodisc (0.2ug/per well). Serial diluted anti-CXCR1 monoclonal antibody (DMC100470) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CXCR1 monoclonal antibody binding with CXCR1-Nanodisc is 2.330ng/ml.



ELISA

Figure1. Elisa plates were pre-coated with DYKDDDDK Tag CXCR1-Nanodisc (0.2ug/per well). Serial diluted anti-CXCR1 monoclonal antibody (DMC100470) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CXCR1 monoclonal antibody binding with CXCR1-Nanodisc is 2.330ng/ml.

ADDITIONAL INFORMATION

Related Product Information for CXCR1 protein	The protein is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36.
Product Categories/Family for CXCR1 protein	FLP 489; Full Length Transmembrane Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	62911779
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NCBI GeneID	3577
UniProt Accession #	P25024; Q2YEF8; Q2YEG4; Q2YEG5; Q2YEG7; Q2YEG8; Q53R18; Q6IN95; Q8N6T6; Q9P2T8; Q9P2T9; B2R6Q3
Molecular Weight	39,791 Da
NCBI Official Full Name	CXCR1
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 1
NCBI Official Symbol	CXCR1
NCBI Official Synonym Symbols	C-C; CD128; CD181; CKR-1; IL8R1; IL8RA; CMKAR1; IL8RBA; CDw128a; C-C-CKR-1
NCBI Protein Information	C-X-C chemokine receptor type 1; CXC-R1; CXCR-1; IL-8R A; IL-8 receptor type 1; interleukin 8 receptor, alpha; interleukin-8 receptor type 1; interleukin-8 receptor type A; high affinity interleukin-8 receptor A
UniProt Protein Name	C-X-C chemokine receptor type 1
UniProt Gene Name	CXCR1
UniProt Synonym Gene Names	CMKAR1; IL8RA; CXC-R1; CXCR-1; IL-8R A
UniProt Entry Name	CXCR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek293-protein/cxcr1/47624>