

Active Recombinant Full Length Human CXCR5 Protein

Cat. No. CXCR5-38H Lot. No. (See product label)

SPECIFICATION

Product Overview	The human CXCR5 full length protein is displayed on nanoparticles and mimics the native protein conformation on the cell surface.
Species	Human
Source	HEK293T
ProteinLength	1-372 aa
Description	C-X-C chemokine receptor type 5 (CXCR5) is also known as CD185, Burkitt lymphoma receptor 1 (BLR1) and monocyte-derived receptor 15 (MDR15). CXCR-5 is a G protein-coupled receptor (GPCR) for the C-X-C motif chemokine 13 (CXCL13). It enables T cells to migrate to lymph node and the B cell zones.
Application	Verified Applications: ELISA for CXCR5-specific antibody binding assays. Suggested Applications: Animal immunization, RUO.
Storage	Store at -80 centigrade.
Storage Buffer	0.22µm filtered PBS, pH 7.4
Shipping	Frozen Dry Ice

GENE INFORMATION

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Gene Name	CXCR5 chemokine (C-X-C motif) receptor 5 [Homo sapiens (human)]
Official Symbol	CXCR5
Synonyms	CXCR5; chemokine (C-X-C motif) receptor 5; BLR1, Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C X C motif) receptor 5), Burkitt lymphoma receptor 1, GTP binding protein; C-X-C chemokine receptor type 5; CD185; MDR15; CXC-R5; CXCR-5; MDR-15; monocyte-derived receptor 15; Burkitt lymphoma receptor 1, GTP-binding protein; Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C-X-C motif) receptor 5); BLR1; MGC117347;
Gene ID	643
mRNA Refseq	NM_001716
Protein Refseq	NP_001707
MIM	601613
UniProt ID	P32302
SDS-PAGE and WB	 <p>The mean peak diameter (nm) of the full length CXCR5 nanoparticles is 187.6 with a range of 170.9-207.8 with more than 95% intensity as determined by dynamic light</p>

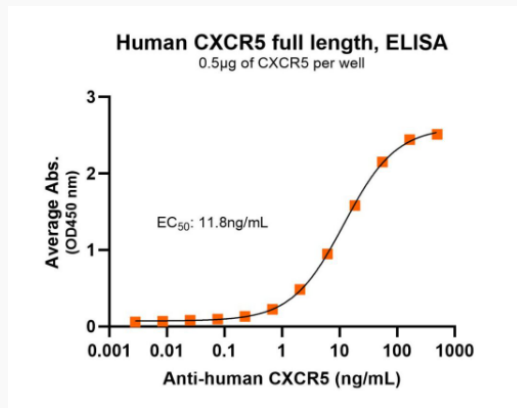
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scattering (DLS).

**Bioactivity-Antibody
Binding**



Immobilized human CXCR5 VLP at 5 µg/mL (100 µL/well) can bind monoclonal anti-human CXCR5 antibody with EC₅₀ range of 6.4-25.7 ng/mL (QC tested).

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