

Active Recombinant Full Length Human CXCR5 Nanoparticles

Cat. No. CXCR5-10HFL Lot. No. (See product label)

SPECIFICATION

Product Overview

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.
Applications	ELISA for CXCR5-specific antibody binding assays.
Storage	Store at -80 centigrade.
Storage Buffer	0.2 µm filtered PBS, pH 7.4, no preservatives
Shipping	Frozen Dry Ice

GENE INFORMATION

Gene Name	CXCR5 C-X-C motif chemokine receptor 5 [Homo sapiens (human)]
Official Symbol	CXCR5

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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

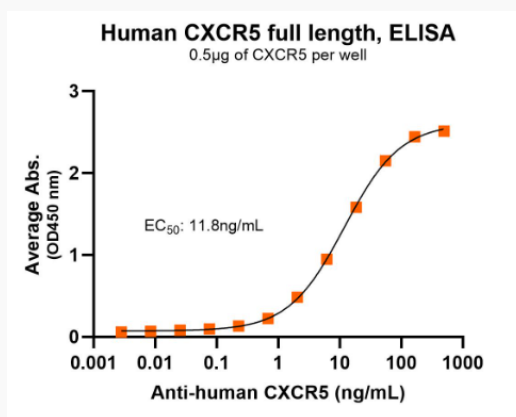
NP_001707

MIM

601613

UniProt ID

P32302

**Anti-human CXCR5
Antibody Binding**


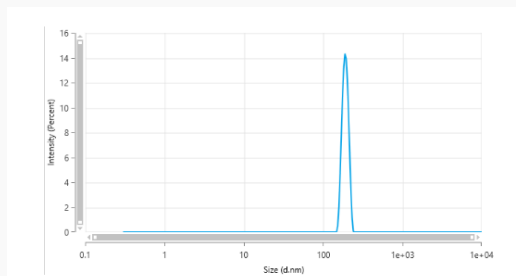
Immobilized human CXCR5 VLP at 5 µg/mL (100 µL/well) can bind monoclonal anti-human CXCR5 antibody with EC₅₀ range of 6.4-25.7 ng/mL (QC tested).

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Human CXCR5 Full Length, DLS



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 scattering (DLS).

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