

Datasheet for ABIN7490746

CXCR7 Protein (AA 1-40) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CXCR7
Protein Characteristics:	AA 1-40
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCR7 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human CXCR7 protein with C-terminal human Fc tag
Specificity:	CXCR7 (Met1-Lys40) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CXCR7
Alternative Name:	CXCR7 (CXCR7 Products)
Background:	This gene encodes a member of the G-protein coupled receptor family. Although this protein

Target Details

was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 31.0 kDa after removal of the signal peptide. The apparent molecular mass of CXCR7-hFc is 35-55 kDa due to glycosylation.

UniProt: [P25106](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

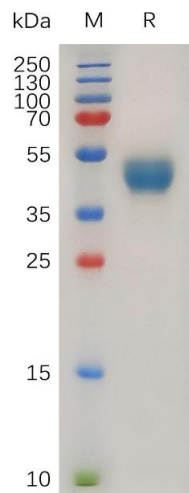
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human C Protein, hFc Tag on SDS-PAGE under reducing condition.