

Datasheet for ABIN7538178

XCR1 Protein (AA 1-31) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	XCR1
Protein Characteristics:	AA 1-31
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This XCR1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human XCR1 Protein with C-terminal human Fc tag
Specificity:	XCR1 (Met1-Thr31) 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:	XCR1
Alternative Name:	XCR1 (XCR1 Products)
Background:	The protein encoded by this gene is a chemokine receptor belonging to the G protein-coupled

Target Details

receptor superfamily. The family members are characterized by the presence of 7 transmembrane domains. The encoded protein transduces a signal by increasing the intracellular calcium ion level. The viral macrophage inflammatory protein-II is an antagonist of this receptor and blocks signaling. Some studies have implicated a cluster of genes at 3p21.31, including this gene, as associated with COVID-19 risk. The encoded protein may also play a role in cell proliferation and migration in several types of cancer. [provided by RefSeq, Jan 2023]

Molecular Weight: predicted molecular mass of 29.7 kDa after removal of the signal peptide. The apparent molecular mass of XCR1-hFc is 35-55 kDa due to glycosylation.

UniProt: [P46094](#)

Application Details

Restrictions: For Research Use only

Handling

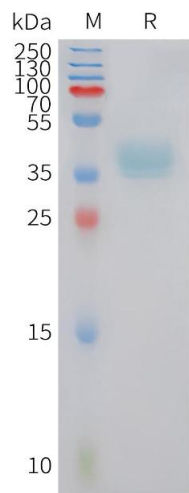
Format: Lyophilized

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 Protein, hFc Tag on SDS-PAGE under reducing condition.