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32-18403: Human XCR1 Protein, hFc Tag

Uniprot ID: P46094

Alternative Name: GPR5; CCXCR1

Description

Description: Recombinant human XCR1 Protein with C-terminal human Fc tag

Background : The protein encoded by this gene is a chemokine receptor belonging to the G protein-coupled 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.

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

Tag: C-Human Fc tag

Storage condition:

Product Info

Amount : $50 \mu g / 100 \mu g$

Purification: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

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

lyophilization.

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.

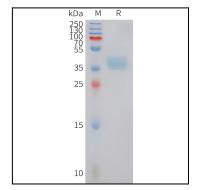


Figure 1. Human XCR1 Protein, hFc Tag on SDS-PAGE under reducing condition.