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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

## Product Info

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|---|---|
| **Amount :** | 50 μg / 100 μg |
| **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. |
| **Storage condition :** | 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. |

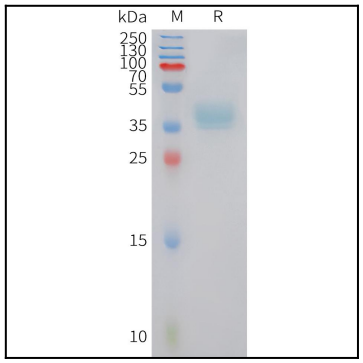



Figure 1. Human XCR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***