

Recombinant Human CXCR5 Protein (His Tag)

Catalog Number: PDEH101065

Note: Centrifuge before opening to ensure complete recovery of vial contents.

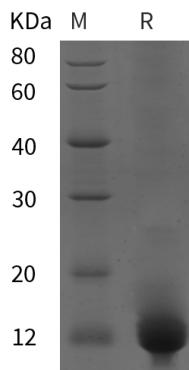
Description

| | |
|---------------|---|
| Species | Human |
| Source | E.coli-derived Human CXCR5 protein Met1-Pro55, with an N-terminal His |
| Calculated MW | 5.9 kDa |
| Observed MW | 12 kDa |
| Accession | P32302 |
| Bio-activity | Not validated for activity |

Properties

| | |
|----------------|---|
| Purity | > 95% as determined by reducing SDS-PAGE. |
| Endotoxin | < 10 EU/mg of the protein as determined by the LAL method |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis. |

Data



SDS-PAGE analysis of Human CXCR5 proteins, 2 µg/lane of Recombinant Human CXCR5 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 12 kDa.

Background

Cytokine receptor that binds to B-lymphocyte chemoattractant (BLC). Involved in B-cell migration into B-cell follicles of spleen and Peyer patches but not into those of mesenteric or peripheral lymph nodes. May have a regulatory function in Burkitt lymphoma (BL) lymphomagenesis and/or B-cell differentiation.

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