

HUMAN SLAMF5 PROTEIN, MFC-HIS TAG

Cat.#: 11182

Product Name: Human SLAMF5 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CD84;LAMF5;Y9B;LAMF5

Target: SLAMF5

UNIPROT ID: Q9UIB8

Description: Recombinant human SLAMF5 protein with C-terminal mouse Fc and 6xHis tag

Background: This gene encodes a membrane glycoprotein that is a member of the signaling lymphocyte activation molecule (SLAM) family. This family forms a subset of the larger CD2 cell-surface receptor Ig superfamily. The encoded protein is a homophilic adhesion molecule that is expressed in numerous immune cells types and is involved in regulating receptor-mediated signaling in those cells. Alternate splicing results in multiple transcript variants.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 50.3 kDa after removal of the signal peptide. The apparent molecular mass of SLAMF5-mFc-His is approximately 60–80 kDa due to glycosylation.

Molecular Characterization: SLAMF5(Lys22–Gly225) mFc(Pro99–Lys330) 6×His tag

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

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: 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.

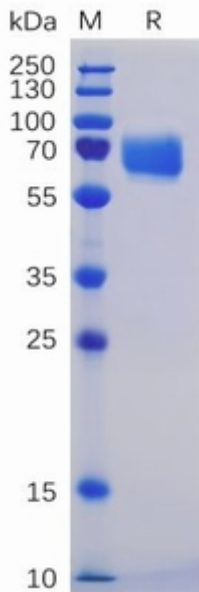


Figure 1. Human SLAMF5 Protein, mFc-His Tag on SDS-PAGE under reducing condition.