HUMAN SLAMF3 PROTEIN, HIS TAG

Cat.#: 11341

Product Name: Human SLAMF3 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: CD229;hly9;mLY9;SLAMF3

Target: SLAMF3

UNIPROT ID: Q9HBG7

Description: Recombinant human SLAMF3 protein with C-terminal 6xHis tag

Background: LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1, MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A, MIM 300490) (Graham et al., 2006 [PubMed 16365421]).

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 45.6 kDa after removal of the signal peptide.The apparent molecular mass of SLAMF3-His is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: SLAMF3(Lys48-Lys454) 6×His tag

Purity: The purity of the protein is greater than 90% 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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

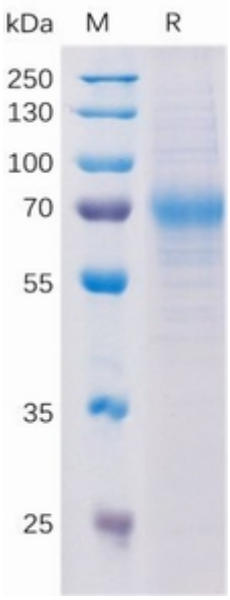

Figure 1. Human SLAMF3 Protein, His Tag on SDS-PAGE under reducing condition.