

## HUMAN SLAMF3 PROTEIN, HFC TAG

**Cat.#:** 11181

**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 human Fc

**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 70.9 kDa after removal of the signal peptide. The apparent molecular mass of SLAMF3-hFc is approximately 100-130 kDa due to glycosylation.

**Molecular Characterization:** SLAMF3(Lys48-Lys454) hFc(Glu99-Ala330)

**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.

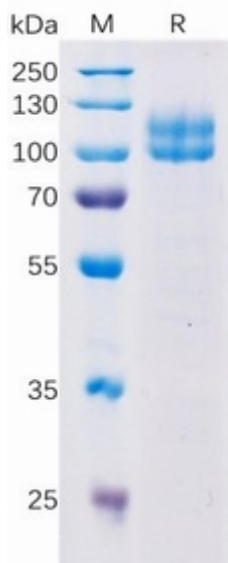


Figure 1. Human SLAMF3 Protein, hFc Tag on SDS-PAGE under reducing condition.