

HUMAN SLAMF8 PROTEIN, HIS TAG**Cat.#:** 11867**Product Name:** Human SLAMF8 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** BLAME;CD353;SBBI42**Target:** SLAMF8**UNIPROT ID:** Q9P0V8**Description:** Recombinant Human SLAMF8 Protein with C-terminal 6xHis tag**Background:** This gene encodes a member of the CD2 family of cell surface proteins involved in lymphocyte activation. These proteins are characterized by Ig domains. This protein is expressed in lymphoid tissues, and studies of a similar protein in mouse suggest that it may function during B cell lineage commitment. The gene is found in a region of chromosome 1 containing many CD2 genes. [provided by RefSeq, Jul 2008]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 24.2 kDa after removal of the signal peptide. The apparent molecular mass of SLAMF8-His is approximately 25–35 kDa due to glycosylation.**Molecular Characterization:** SLAMF8(Ala23–Asp233) 6×His tag**Purity:** The purity of the protein is greater than 85% 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.

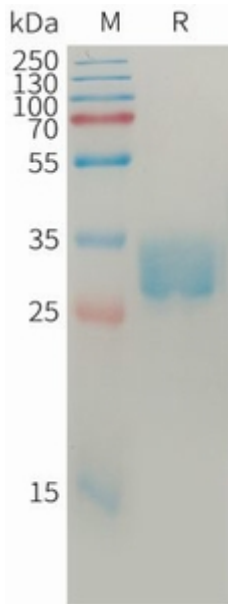


Figure 1. Human SLAMF8 Protein, His Tag on SDS-PAGE under reducing condition.