

## PRODUCT INFORMATION

<b>Target</b>	SLAMF5
<b>Synonyms</b>	CD84;SLAMF5;LY9B;SLAMF5
<b>Description</b>	Recombinant human SLAMF5 protein with C-terminal mouse Fc and 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9UIB8
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Mouse Fc and 6×His Tag
<b>Molecular Characterization</b>	SLAMF5(Lys22-Gly225) mFc(Pro99-Lys330) 6×His tag
<b>Molecular Weight</b>	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.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



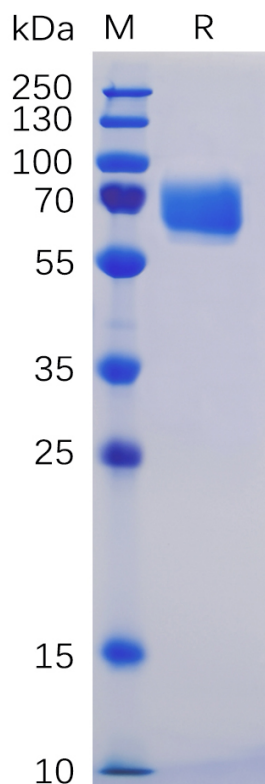


Figure 1. Human SLAMF5 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

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