PRODUCT INFORMATION

Target	SIGLEC15
Synonyms	CD33 antigen-like 3;SIGLEC-15;CD33L3;sialic acid-binding Ig-like lectin 15;Siglec15;Siglec-15
Description	Recombinant human SIGLEC15 protein with C-terminal mouse Fc and 6×His tag
Delivery	In Stock
Uniprot ID	Q6ZMC9
Expression Host	HEK293
Tag	C-Mouse Fc and 6×His Tag
Molecular Characterization	SIGLEC15(Phe20-Thr263) mFc(Pro99-Lys330) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 53.6 kDa after removal of the signal peptide.The apparent molecular mass of SIGLEC15-mFc-His is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
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.
Background	SIGLEC15 (Sialic Acid Binding Ig Like Lectin 15) is a Protein Coding gene. Diseases associated with SIGLEC15 include Osteoporosis;Juvenile and Osteoporosis. Among its related pathways are Innate Immune System and RET signaling. An important paralog of this gene is SIGLEC1.
Usage	Research use only
Conjugate	Unconjugated

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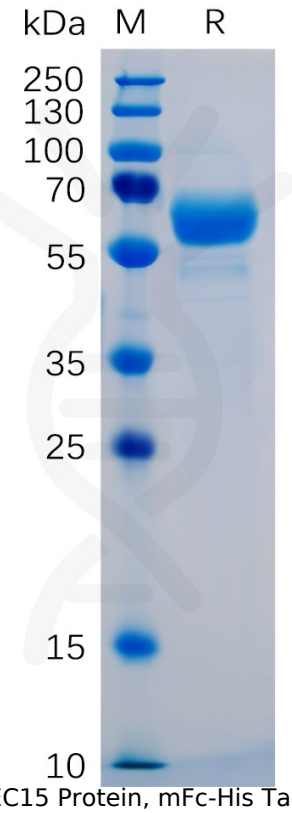


Figure 1. Human SIGLEC15 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

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