

## PRODUCT INFORMATION

<b>Target</b>	SIGLEC15
<b>Synonyms</b>	CD33 antigen-like 3;SIGLEC-15;CD33L3;sialic acid-binding Ig-like lectin 15;Siglec15;Siglec-15
<b>Description</b>	Recombinant human SIGLEC15 protein with C-terminal mouse Fc and 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q6ZMC9
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Mouse Fc and 6×His Tag
<b>Molecular Characterization</b>	SIGLEC15(Phe20-Thr263) mFc(Pro99-Lys330) 6×His tag
<b>Molecular Weight</b>	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.
<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>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



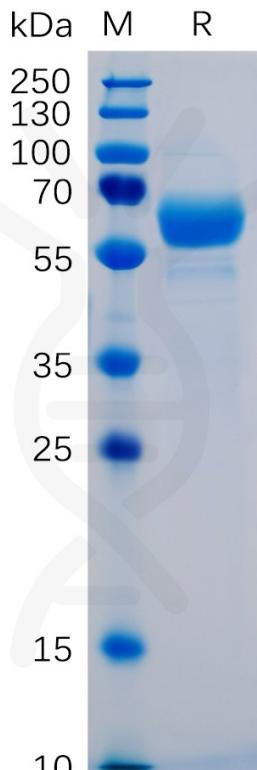


Figure 1. Human SIGLEC15 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

