

Sialic acid-binding Ig-like lectin 15/Siglec-15/CD33L3 Active Protein | CD33L3 active protein

Recombinant Cynomolgus Sialic acid-binding Ig-like lectin 15/Siglec-15/CD33L3 (C-Fc)

CATALOG # AAA177977	HOST Human Cells
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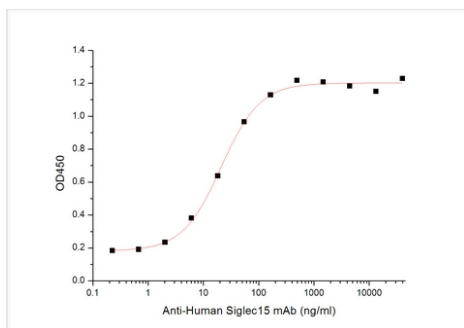
PRODUCT SYNONYMS

Sialic acid-binding Ig-like lectin 15/Siglec-15/CD33L3; Recombinant Cynomolgus Sialic acid-binding Ig-like lectin 15/Siglec-15/CD33L3 (C-Fc); Sialic acid-binding Ig-like lectin 15; Siglec-15; CD33 antigen-like 3; CD33L3; CD33L3 active protein

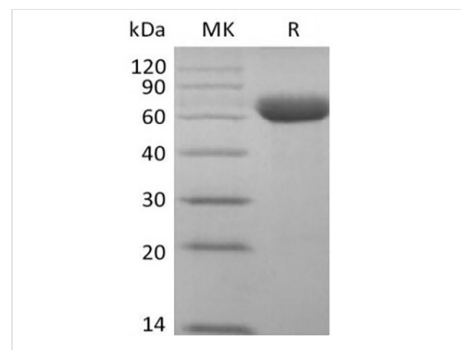
PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE
Form/Format	Lyophilized from a 0.2um filtered solution of 50mM Tris-HCl, 100mM Glycine, 150mM NaCl, pH7.5.
Sequence	Phe20-Thr2 63
Species	Cynomolgus
Tag	C-Fc
Endotoxin	<1.0EU per ug as determined by the LAL method.
Protein Construction	Recombinant Cynomolgus Sialic Acid-binding Ig-like lectin 15 is produced by our Mammalian expression system and the target gene encoding Phe20-Thr263 is expressed with a Fc tag at the C-terminus.
Activity	Immobilized Cynomolgus Siglec-15-Fc at 2ug/ml (100ul/well) can bind Anti-Human Siglec15 mAb. The ED50 of Anti-Human Siglec15 mAb is 20.9ng/ml.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



Bioactivity



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CD33L3 active protein	Siglec-15 is a transmembrane glycoprotein in the Siglec family. Siglecs are type I transmembrane proteins where the NH3+-terminus is in the extracellular space and the COO--terminus is cytosolic. Each Siglec contains an N-terminal V-type immunoglobulin domain (Ig domain) which acts as the binding receptor for sialic acid. These lectins are placed into the group of I-type lectins because the lectin domain is an immunoglobulin fold. All Siglecs are extended from the cell surface by C2-type Ig domains which have no binding activity. Siglecs differ in the number of these C2-type domains. Siglec-15 function is important for osteoclast formation and TRANCE/RANK Ligand signaling in osteoclasts.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Mol. Mass: 53.1kDa AP Mol. Mass: 55-70kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-active-protein/sialic-acid-binding-ig-like-lectin-15-siglec-15-cd33l3/177977>