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

Recombinant Mouse Sialic acid-binding Ig-like lectin 15/Siglec-15/CD33L3 (C-6His)

CATALOG #	HOST
AAA177967	**Human Cells**

PRODUCT SYNONYMS

Sialic acid-binding Ig-like lectin 15/Siglec-15/CD33L3; Recombinant Mouse Sialic acid-binding Ig-like lectin 15/Siglec-15/CD33L3 (C-6His); Angiopoietin-related protein 4; 425O18-1; Angiopoietin-like protein 4; Fasting-induced adipose factor; Hepatic fibrinogen/angiopoietin-related protein; HFARP; Secreted protein Bk89; Angptl4; Farp; Fiaf; Ng27; 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 PBS, 150mM NaCl, 5% Thehalose, 0.3% Chaps, pH7.4.
Sequence	Arg24-Thr2 62
Species	Mouse
Tag	C-6His
Endotoxin	<1.0EU per ug as determined by the LAL method.
Protein Construction	Recombinant Mouse Sialic Acid-binding Ig-like Lectin 15 is produced by our Mammalian expression system and the target gene encoding Arg24-Thr262 is expressed with a 6His tag at the C-terminus.
Activity	Immobilized Mouse Siglec-15-His at 2ug/ml (100ul/well) can bind Anti-Human Siglec15 mAb. The ED50 of Anti-Human Siglec15 mAb is 27.7ng/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	Human 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. Human Siglec-15 consists of a 244 amino acid (aa) extracellular domain (ECD) with two Ig-like domains, a 21 aa transmembrane segment, and a 44 aa cytoplasmic domain. Siglec-15 function is important for osteoclast formation and TRANCE/RANK Ligand signaling in osteoclasts

NCBI AND UNIPROT INFORMATION

UniProt Accession #	A7E1W8
Molecular Weight	Mol. Mass: 26.5kDa AP Mol. Mass: 30-40kDa

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/human-cells-active-protein/sialic-acid-binding-ig-like-lectin-15-siglec-15-cd33l3/177967