

Recombinant Human SIGLEC8 protein, His-Avi-tagged

Cat. No. SIGLEC8-137H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human siglec 8 Protein is expressed from mammalian with a His Tag and Avi Tag at the C-terminal. It contains Met17-Ala363.
Species	Human
Source	HEK293
ProteinLength	It contains Met17-Ala363.
Description	Siglec-8, also known as SAF, is an approximately 75 kDa transmembrane glycoprotein in the Siglec family of sialic acid-binding immune regulatory molecules. Mature human Siglec-8 consists of a 347 amino acid (aa) extracellular domain (ECD) with three Ig-like domains. Putative adhesion molecule that mediates sialic-acid dependent binding to red blood cells. Preferentially binds to alpha-2,3-linked sialic acid. Also binds to alpha-2,6-linked sialic acid.
Form	Supplied as 0.22um filtered solution in 20mM PBS,pH7.4
Molecular Mass	The protein has a predicted MW of 40.7 kDa. Due to glycosylation, the protein migrates to 50-60KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05 EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis -PAGE; > 95% as determined by HPLC

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Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	SIGLEC8 sialic acid binding Ig-like lectin 8 [Homo sapiens]
Official Symbol	SIGLEC8
Synonyms	CD329 antigen; CDw329; MGC59785; SAF2; SAF2SAF-2; sialic acid binding Ig-like lectin 8; Sialoadhesin family member 2; Siglec8; Siglec-8; SIGLEC8L; SIGLEC8Lsialic acid-binding Ig-like lectin 8
Gene ID	27181
mRNA Refseq	NM_014442
Protein Refseq	NP_055257
MIM	605639
UniProt ID	Q9NYZ4

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