

Biotinylated Recombinant Human Siglec-8 Protein

Catalog No.: RP00334B

Sequence Information

Species	Gene ID
Human	27181
Swiss Prot	Tags
Q9NYZ4	C-His&Avi

Synonyms

CDw329; MGC59785; SAF2;
SAF2SAF-2; Siglec-8; SIGLEC8L;
SIGLEC8

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
40.7 kDa	50–60 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from 0.22 μm filtered
solution in PBS (pH 7.4). Normally
8% trehalose is added as
protectant before lyophilization.

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1–0.5 mg/mL in sterile distilled
water. Avoid vortex or vigorously
pipetting the protein. For long
term storage, it is recommended
to add a carrier protein or stabilizer
(e.g. 0.1% BSA, 5% HSA, 10% FBS
or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

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.

Basic Information

Description

Biotinylated Recombinant Human Siglec-8 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met17–Ala363) of Human Siglec-8 (Accession #Q9NYZ4) fused with a C-His&Avi tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

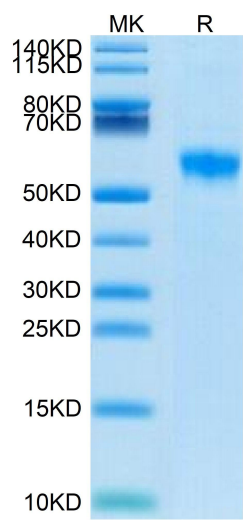
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Validation Data



Biotinylated Recombinant Human Siglec-8 Protein was determined by Tris-Bis PAGE under reducing conditions.