For Research Use Only

Recombinant Human Siglec-8 protein (rFc Tag)

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Catalog Number: Eg2628

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/μg protein, LAL method

Source:
HEK293-derived Human Siglec-8 protein Met17-Arg354 (Accession# Q9NYZ4-1) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
27181

Accession:
Q9NYZ4-1

Predicted Molecular Mass:
63.0 kDa

SDS-PAGE:
65-80 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:
It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Siglec-8 is a 431-amino acid protein composed of 3 Ig domains with a 358-amino acid extracellular domain and a 47-amino acid tail. Siglec-8 is a member of the CD33-like subgroup of SIGLECs and is expressed specifically in blood cells namely basophil, mast cells, and eosinophils.

References

1. H Floyd, et al. (2000) J Biol Chem. 275(2):861-6.
2. K K Kikly, et al. (2000) J Allergy Clin Immunol. 105(6 Pt 1):1093-100.

Synonyms

SIGLEC8, Siglec-8, SAF 2, SAF2, Sialic acid-binding Ig-like lectin 8

For technical support and original validation data for this product please contact

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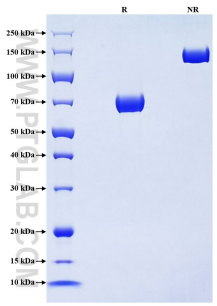
Selected Validation Data



Purity of Recombinant Human Siglec-8 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.