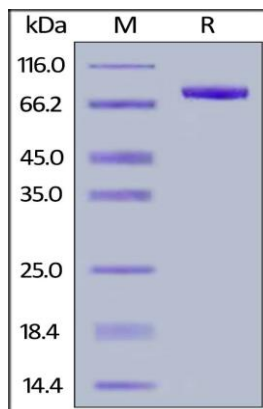


Human CellExp™ Siglec-2, Fc Tag, Human Recombinant

CATALOG NO:	P1487-10 10 µg P1487-50 50 µg
ALTERNATE NAMES:	Siglec-8, SAF-2, SIGLEC8, SAF2
MOL. WT.	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 64.3 kDa. The protein migrates as 70-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
SOURCE:	HEK 293 cells
PURITY:	>95%
ENDOTOXIN:	Less than 1.0 EU per µg by the LAL method.
FORM:	Lyophilized
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
RECONSTITUTION:	Reconstitute in sterile deionized water to the desired protein concentration.
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -80°C and use within 3 months. Avoid repeated freezing and thawing cycles .
DESCRIPTION:	Siglec-8 is also known as SIGLEC8, SAF2, SIGLEC-8, SIGLEC8L and sialic acid binding Ig like lectin 8. Siglec-8 was first identified by CD33 homology screening of ESTs from a cDNA library generated from a patient diagnosed with idiopathic hypereosinophilic syndrome and was originally termed SAF-2 (sialoadhesin family 2). At the tissue level, Siglec-8 mRNA was found to be most highly expressed in lung, PBMCs, spleen, and kidney. Two splice variants of Siglec-8 exist. The initially characterized form contains 431 amino acid residues in total, subsequently, a longer form of Siglec-8, initially termed Siglec-8L. Both forms of Siglec-8 are found in eosinophils and contain a V-set domain with lectin activity and two C2-type Ig repeat domains in the extracellular region.
AMINO ACID SEQUENCE:	AA Met 17 - Ala 363



RELATED PRODUCTS:

- Human CellExp™ Siglec-2 / CD22 isoform beta, Human Recombinant (P1171)
- Human CellExp™ CD33 / SIGLEC-3, Fc Tag, Human Recombinant (P1334)
- Human CellExp™ Siglec-2 / CD22, Mouse Recombinant (P1330)
- Human CellExp™ CD33 / SIGLEC-3, human recombinant (7370)
- Human CellExp™ Siglec-6 / CD327 Protein, Fc Tag (7882)

FOR RESEARCH USE ONLY! Not to be used on humans.