

Siglec-F Protein, Mouse (HEK293, His)

Cat. No.:	HY-P72470
Synonyms:	SAF2; sialic acid binding Ig like lectin 8; SIGLEC-8; SIGLEC8L; SiglecF; Siglec-F
Species:	Mouse
Source:	HEK293
Accession:	Q920G3 (D18-T437)
Gene ID:	233186
Molecular Weight:	55-70 kDa

PROPERTIES

AA Sequence

D G Y S L S V T G S	V T V Q E G L C V F	V A C Q V Q Y P N S	K G P V F G Y W F R
E G A N I F S G S P	V A T N D P Q R S V	L K E A Q G R F Y L	M G K E N S H N C S
L D I R D A Q K I D	T G T Y F F R L D G	S V K Y S F Q K S M	L S V L V I A L T E
V P N I Q V T S T L	V S G N S T K L L C	S V P W A C E Q G T	P P I F S W M S S A
L T S L G H R T T L	S S E L N L T P R P	Q D N G T N L T C Q	V N L P G T G V T V
E R T Q Q L S V I Y	A P Q K M T I R V S	W G D D T G T K V L	Q S G A S L Q I Q E
G E S L S L V C M A	D S N P P A V L S W	E R P T Q K P F Q L	S T P A E L Q L P R
A E L E D Q G K Y I	C Q A Q N S Q G A Q	T A S V S L S I R S	L L Q L L G P S C S
F E G Q G L H C S C	S S R A W P A P S L	R W R L G E G V L E	G N S S N G S F T V
K S S S A G Q W A N	S S L I L S M E F S	S N H R L S C E A W	S D N R V Q R A T I
L L V S G P K V S Q	A G K S E T S R G T		

Appearance Lyophilized powder.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, 1 mM EDTA, pH 7.4.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH₂O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).

Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background Siglec-F protein, characterized as a putative adhesion molecule, plays a crucial role in mediating sialic-acid dependent

binding to cells. It exhibits a preferential affinity for alpha-2,3-linked sialic acid. It is noteworthy that the sialic acid recognition site of Siglec-F may be concealed due to cis interactions with sialic acids present on the same cell surface.

Caution: Product has not been fully validated for medical applications. For research use only.

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