

Siglec-5 Protein, Human (HEK293, His-Flag-Fc)

Cat. No.:	HY-P71023
Synonyms:	Sialic acid-binding Ig-like lectin 5; Siglec-5; CD33 antigen-like 2; Obesity-binding protein 2; OB-BP2; CD170
Species:	Human
Source:	HEK293
Accession:	O15389 (E17-T434)
Gene ID:	8778
Molecular Weight:	90-110 kDa

PROPERTIES

AA Sequence

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

Appearance Lyophilized powder.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, 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-5 protein, a putative adhesion molecule, is implicated in sialic-acid dependent cellular binding, displaying equal

affinity for both alpha-2,3-linked and alpha-2,6-linked sialic acid. Notably, the sialic acid recognition site of Siglec-5 may be subject to masking through cis interactions with sialic acids on the same cell surface.

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

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