

Siglec-5 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P72471
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	<p> 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 </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 8.0.
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 ddH ₂ O. 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
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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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