

## Product datasheet for TP306610M

### SIGLEC5 (NM\_003830) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sialic acid binding Ig-like lectin 5 (SIGLEC5), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206610 protein sequence Red=Cloning site Green=Tags(s)

MLPLLLLPLLWGGSLQEKPVYELQVQKSVTVQEGLCVLPCSFSPWRSWYSSPLYVYWFDRDGEIPYYA  
EWWATNNPDRRVKQGRFRLLDVQKKNCSLSIGDARMEDTGSYFFRVERGRDVKYSYQKNLNLVET  
ALIEKPDHIFLEPLESGRPTRLSCSLPGSCEAGPPLTFSWTGNALSPLDPETTRRSELTTPRPEDHGTN  
LTCQMKRQGAQVTTERTVQLNVSYPQTITIFRNGIALEILQNTSYLPVLEGQALRLLCDAPSNPPAHL  
WFQGSFALNATPISNTGILELRRVRSAAEEGGFTCRAQHPLGFLQIFLNLSVYSLPQLLGPSCSWEAEG  
LHCRCSFRARPAPSLCWRLEEKPLEGNSSQGSFKVNSSSAGPWANSSLILHGGSSDLKVSCKAWNIYGSQS  
GSVLLQGRSNLGTGVVPAALGGAGVMALLCICLCLIFFLIVKARRKQAAGRPEKMDDEDPIMGTTITSGS  
RKKPWPDSAGDQASPPGDAPPLEEQKELHYASLSFSEMKSREPKDQEPSTTEYSEIKTSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	60.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



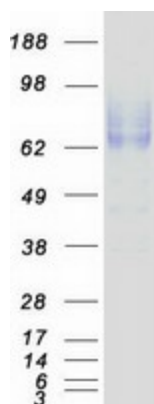
[View online »](#)

RefSeq:	<a href="#">NP_003821</a>
Locus ID:	8778
UniProt ID:	<a href="#">O15389</a>
RefSeq Size:	2523
Cytogenetics:	19q13.41
RefSeq ORF:	1653
Synonyms:	CD33L2; CD170; OB-BP2; OBBP2; SIGLEC-5

**Summary:** This gene encodes a member of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. These cell surface lectins are characterized by structural motifs in the immunoglobulin (Ig)-like domains and sialic acid recognition sites in the first Ig V set domain. The encoded protein is a member of the CD33-related subset of Siglecs and inhibits the activation of several cell types including monocytes, macrophages and neutrophils. Binding of group B Streptococcus (GBS) to the encoded protein plays a role in GBS immune evasion. [provided by RefSeq, Feb 2012]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified SIGLEC5 protein (Cat# [TP306610]). The protein was produced from HEK293T cells transfected with SIGLEC5 cDNA clone (Cat# [RC206610]) using MegaTran 2.0 (Cat# [TT210002]).