

Recombinant Human SIGLEC14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SIGLEC14-4384H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SIGLEC14 MS Standard C13 and N15-labeled recombinant protein (NP_001092082) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SIGLEC14 (Sialic Acid Binding Ig Like Lectin 14) is a Protein Coding gene. Among its related pathways are Innate Immune System and RET signaling. Gene Ontology (GO) annotations related to this gene include carbohydrate binding. An important paralog of this gene is ENSG00000268500.
Molecular Mass	43.8 kDa
AA Sequence	MLPLLLLPLLWGGSLQEKPVYELQVQKSVTVQEGLCVLVPCSFSPWRSWYSSPPL YVYWFRDGEIPYYAEVVATNNPDRRVKPETQGRFRLLGDVQKKNCSLSIGDARMED TGSYFFRVERGRDVKYSYQQNKLNLEVTALIEKPDHFLEPLESGRPTRLSCSLPGS CEAGPPLTFSWTGNALSPLDPETTRSELTLTPRPEDHGTNLTCQVKRQGAQVTTE RTVQLNVSYPQNLAISSIFFRNGTGALRILSNGMSVPIQEGQSLFLACTVDSNPPAS LSWFREGKALNPSQTSMSGTLELPNIGAREGGFTCRVQHPLGSQHLSFILSVQRS SSSCICVTEKQQGSWPLVLTIRGALMGAGFLLTYGLTWIYYTRCGGPQQSRAERP GTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SIGLEC14 sialic acid binding Ig-like lectin 14 [Homo sapiens (human)]
Official Symbol	SIGLEC14
Synonyms	SIGLEC14; sialic acid binding Ig-like lectin 14; sialic acid-binding Ig-like lectin 14; siglec-14;
Gene ID	100049587
mRNA Refseq	NM_001098612
Protein Refseq	NP_001092082
MIM	618132
UniProt ID	Q08ET2

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