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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SIGLEC5 (Human) Recombinant Protein (Q01)

Catalog Number: H00008778-Q01

Regulation Status: For research use only (RUO)

Product Description: Human SIGLEC5 partial ORF (NP_003821, 465 a.a. - 549 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

RRKQAAGRPEKMDDEDPIMGTITSGSRKKPWPDSPG
DQASPPGDAPPLEEQKELHYASLSFSEMKSREPKDQE
APSTTEYSEIKT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 35.09

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8778

Gene Symbol: SIGLEC5

Gene Alias: CD170, CD33L2, OB-BP2, OBBP2, SIGLEC-5

Gene Summary: The sialic acid-binding immunoglobulin-like lectins (SIGLECs), such as SIGLEC5, are a subgroup of the immunoglobulin (Ig) superfamily that mediate protein-carbohydrate

interactions. They specifically interact with sialic acids in glycoproteins and glycolipids, with each SIGLEC having a particular preference for both the nature of the sialic acid and its glycosidic linkage to adjacent sugars. SIGLECs have similar structures, including extracellular Ig-like domains composed of an N-terminal V-set domain followed by varying numbers of C2-set domains. It appears that all SIGLECs have an unusual arrangement of conserved cysteine residues in the V-set and adjacent C2-set domains. Most SIGLECs are expressed uniquely within the hematopoietic system (Cornish et al., 1998 [PubMed 9731071]).[supplied by OMIM]