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Datasheet for ABIN7491367 **SIGLEC5 Protein (His tag)**

Overview

Quantity:	100 µg
Target:	SIGLEC5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SIGLEC5 Protein with C-terminal 6xHis tag
Specificity:	SIGLEC5 (Glu17-Thr434) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	SIGLEC5
Alternative Name:	SIGLEC5 (SIGLEC5 Products)
Background:	CD33L2, CD170, OB-BP2, OBBP2, SIGLEC-5 Description: 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.

Target Details

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]

Molecular Weight: predicted molecular mass of 47.2 kDa after removal of the signal peptide. The apparent molecular mass of SIGLEC5-His is 55-100 kDa due to glycosylation.

UniProt: [O15389](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months