

Product Information

MemDX™ Membrane Protein Human SIGLEC5 (Sialic acid binding Ig like lectin 5)

Expressed in HEK293T

Cat. No.: **S01YF-0722-KX1069**

This product is for research use only and is not intended for diagnostic use.

This product is a Human SIGLEC5 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SIGLEC5

Protein Length

Full length

Protein Class

Cell adhesion

Molecular Weight

60.5 kDa

TMD

1

Sequence

MLPLLLLP LLWGGSLQEKP VYELQVQKSVTVQEGLCVLP CSFSYPWRSWYSSPPLYVYWFRDGEIPYYA
E VVATNNPDRRVK PETQGRFRLLGDVQKKNC SL SIGDARMEDTGSYFFRVERGRDVKYSYQQNKL NLEV
ALIEKPD IHFLEPLESGRPTRLSCSLPGSCEAGPPLTFSWTGNALSPLDPETTR SSELTLTPRPEDHGTN
LTCQMKRQGAQVTTERTVQLNVSYAPQTITIFRNGIALEILQNTSYLPVLEGQALRLLCDAPSNPPAHL
WFQGSPALNATPISNTGILELRRVRS AE EGGFTCRAQHPLGFLQIFLNLSVYSLPQLLGPSCSWEA EGLH
CRCSFRARPAPSLCWRLEEKPLEGNSSQGSFKVNSSSAGPWANSSLIHGG LSSDLKVSC KAWN IYGSQS
GSVLLLQGRSNLGTGVVPAALGGAGVMALLCICLC LIFFLIVKARRKQAAGRPEKMDDED PIMGTITSGS
RKKPW PDSAGDQASPPGDAPPLEEQKELHYASLSFSEMKSREP KDQEAPSTTEYSEIKTSK

Product Description

Expression Systems

HEK293T expression system

Tag

Myc/DDK tag at the C-terminus

Protein Format

Soluble

Form

Liquid

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

SIGLEC5

Full Name

Sialic acid binding Ig like lectin 5

Introduction

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.

Alternative Names

SIGLEC5; CD170; OBBP2; CD33L2; OB-BP2; SIGLEC-5; CD33 antigen-like 2; OB-binding protein 2; obesity-binding protein 2; sialic acid-binding immunoglobulin-like lectin 5; Sialic acid binding Ig like lectin 5

Gene ID

[8778](#)

UniProt ID

[Q15389](#)