

Product Information

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

Length

Cat. No.: **MPC4327K**

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

This product is a made-to-order Human SIGLEC5 membrane protein expressed in HEK293. 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

TMD

1

Sequence

MLPLLLLPLLWGGSLQEKPVYELQVQKSVTVQEGLCVLVPCSFSPWRSW
YSSPPLYVYWFRDGEIPYYAEVVATNNPDRRVKPETQGRFRLGQVQKN
CSLSIGDARMEDTGSYFFRVERGRDVKYSYQQNKLNEVTALIEKPDHF
LEPLESGRPTRLSCSLPGSCEAGPPLTFWTGNALSPDPETTRRSELT
TPRPEDHGTNLTCQMKRQGAQVTTERTVQLNVSYAPQTITIFRNGIALEI
LQNTSYLPVLEGQALRLCDAPSNPPAHLWFGSPALNATPISNTGILE
LRRVRSAAEEGGFTCRAQHPLGFLQIFLNLSVYSLPQLLGPSCSWEAEGH
CRCSFRARPAPSLCWRLEEKPLEGNSSQGSFKVNSSSAGPWANSSLILHG
GLSSDLKVSKAWNIYGSQGSVLLLQGRSNLGTGVVPAALGGAGVMALL
CICLCIFFLIVKARRKQAAGRPEKMDDDPIMGTITSGSRKKPWPDSGP
DQASPPGDAPPLEEQKELHYASLSFSEMKSREPKDQEAPSTTEYSEIKTS
K

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°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

[O15389](#)