

Product Information

MemDX™ Membrane Protein Human CD5 (CD5 molecule) for Antibody Discovery

Cat. No.: **MP0810J**

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

This product is a 54.4 kDa Human CD5 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

CD5

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

54.4 kDa

TMD

1

Sequence

MPMGSLQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRSNSKCQGQLEVYLKDGWHMVCQSQSWGRSSKQ
WEDPSQASKVCQRLNCGVPLSLGPFLVITYTPQSSIICYGQLGSFSNCSHSRNDMCHSLGLTCLEPQKTTTP
PTTRPPPTTTTPEPTAPPRLQLVAQSGGQHCAGVVEFYSGSLGGTISYEAQDKTQDLENFLCNNLQCGSFL
KHLPETEAGRAQDPGEPREHQPLPIQWKIQNSSCTSLEHCFRKKIKPKKSGRVLALLCSGFQPKVQSRLVG
GSSICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCREQQCGSVNSYRVLDAGDPTSRGLFCPHQKLSQC
HELWERNYSYCKKVFTVCQDPNPAGLAAGTVASIILALVLLVLLVVCPLAYKKLVKKFRQKKQRQWIGP
TGMNQNMFSHRNHTATVRSHAENPTASHVDNEYSQPPRNSRLSAYPALEGVLHRSSMQPDNSSDSDYDLH
GAQRL

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

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

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

CD5

Full Name

CD5 molecule

Introduction

This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

T1; LEU1

Gene ID

[921](#)

UniProt ID

[P06127](#)