

Product Information

MemDX™ Membrane Protein Human ESAM (Endothelial cell adhesion molecule) for Antibody Discovery

Cat. No.: **MP1031J**

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

This product is a 41 kDa Human ESAM 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

ESAM

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

41 kDa

TMD

1

Sequence

MISLPGPLVTNLLRFLFLGLSALAPPSRAQLQLHLPANRLQAVEGGEVVLPAWYTLHGEVSSSQPWVEVPF
VMWFFKQKEKEDQVLSYINGVTTSKPGVSLVYSMPSRNLSLRLEGLQEKDSGPYSCSVNVQDKQGKSRGH
SIKTLELNLVLPAPPSCRLQGVPHVGANVTLSQCSPRSKPAVQYQWDRQLPSFQTFFAPALDVIRGSLS
LTNLSSSMAGVYVCKAHNEVGTAQCNVTLEVSTGPGAADVAGAVVGTLVGLGLLAGLVLLYHRRGKALEE
PANDIKEDAIAPRTLTPWPKSSDTISKNGTLSSSVTSARALRPPHGP RP PGALTPTPSLSSQALPSRLPTT
DGAHPQPIPIPGGVSSSGLSRMGAVPVMVPAQSQAGSLV

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**

ESAM

Full Name

Endothelial cell adhesion molecule

Introduction

The ESAM gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog.

Alternative Names

W117m

Gene ID

[90952](#)

UniProt ID

[Q96AP7](#)