

Product Information

MemDX™ Membrane Protein Human CD27 (CD27 molecule) for Antibody Discovery

Cat. No.: **MP0801J**

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

This product is a 26.9 kDa Human CD27 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

CD27

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

26.9 kDa

TMD

1

Sequence

MARPHPWWLCVLGTLVGLSATPAKSCPERHYWAQGKLCCQMCEPGTFLVKDCDQHRKAAQCDPCIPGVS
FSPDHHTRPHCESCRHCNSGLLRNCTITANAECACRNGWQCRDKECTCDLPNPSLTARSSQALSPHP
QPTHLPYVSEMLEARHTAGHMQLADFRQLPARTLSTHWPPQRSLSDFIRILVIFSGMFLVFTLAGALF
LHQRKRYRSNKGESPVPAEPCRYSCPREEEGSTIPIQEDYRKPEPACSP

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**

CD27

Full Name

CD27 molecule

Introduction

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

Alternative Names

T14; S152; Tp55; TNFRSF7; S152. LPFS2

Gene ID

[939](#)

UniProt ID

[P26842](#)