

Product Information

MemDX™ Membrane Protein Human CD28 (CD28 molecule) for Antibody Discovery

Cat. No.: **MP1292J**

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

This product is a 18 kDa Human CD28 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

CD28

Protein Length

Partial (19-152aa)

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

18 kDa

TMD

1

Sequence

MLRLLLALNLFPSIQVTGNKILVKQSPMLVAYDNAVNLSCKYSYNLFSREFRASLHKGLDSAVEVCVYVG
NYSQQLQVYSKTGFNCDGKLGNESVTFYLQNLVYNQTDIYFCKIEVMYPPPYLDNEKSNGTIIHVKGKHL
CPSPLFPGPSKPFWVLVVGGVLACYSLLVTVAFIIFWVRSKRSLHSDYMNMTPRRPGPTRKHYPYA
PPRDFAAAYS

Product Description

Expression Systems

HEK293

Tag

C-DDK/His

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

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

Buffer

PBS, pH7.4, 10% glycerol

Storage

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

Target**Target Protein**

CD28

Full Name

CD28 molecule

Introduction

The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names

Tp44; T-cell-specific surface glycoprotein CD28

Gene ID

[940](#)

UniProt ID

[P10747](#)