

Product Information

MemDX™ Membrane Protein Human CD28 (CD28 molecule) Expressed in NS0 for Antibody Discovery, Partial (19-152aa)

Cat. No.: **MPX0260K**

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

This product is a 42.2 kDa Human CD28 membrane protein expressed in NS0. 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

Immunity

Molecular Weight

42.2 kDa

TMD

1

Sequence

NKILVKQSPMLVAYDNAVNLSCKYSYNLFSRE
FRASLHKGLDSAVEVCVVYGNYSQQLQVYSKTGFNCDGKLGNESVTFYLQ
NLYVQNQTDIYFCKIEVMYPPPYLDNEKSNGTIIHVKGKHLCPSPFLPGPS
KP

Product Description

Expression Systems

NS0

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

CD28; Tp44; T-cell-specific surface glycoprotein CD28; CD28 molecule

Gene ID

[940](#)

UniProt ID

[P10747](#)