

Product Information

MemDX™ Membrane Protein Human CD96 (CD96 molecule) Expressed in HEK293 for Antibody Discovery, Partial (25-503aa)

Cat. No.: **MPX0797K**

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

This product is a 80 kDa Human CD96 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

CD96

Protein Length

Partial (25-503aa)

Protein Class

Cell adhesion

Molecular Weight

80 kDa

TMD

1

Sequence

KTVNTEENVYATLGSDVNLTCQTQTV
GFFVQMQWSKVTNKIDLIAYVHPQYGFYCA YGRPCESLVTFTETPENGSK
WTLHLRNMSCSVSGRYECMLVLYPEGIQTKIYNLLIQTHVTADEWNSNHT
IEIEINQTL EIPCFQNSSSKISSEFTYAWSVEDNGTQETLISQNHLSNS
TLLKDRVKLGTDYRLHLSPVQIFDDGRKF SCHIRVGP NKILRSSTTVKVF
AKPEIPVIVENNSTDVLVERRFTCLLKNVFPKANITW FIDGSFLHDEKEG
IYITNEERKKGKDG FLELKS VLTRVHSNKPAQSDNLT IWCMALSPVPGNKV
WNISSEKITFLLGSEISSTDPPLSVTESTLDTQPSPASSVSPARYPATSS
VTLVDVSALRPNTTPQPSNSSMTTRGFNYPWTSSGTDTKKSVSRIPSETY
SSSPSGAGSTLHDNVFTSTARAFSEVPTTANGSTKTNHVHITGIVVNKPK
DGM

Product Description

Activity

Yes

Expression Systems

HEK293

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 500 µg/mL in 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 with Trehalose.

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

CD96

Full Name

CD96 molecule

Introduction

The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein. The protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Alternative splicing generates multiple transcript variants encoding distinct isoforms.

Alternative Names

CD96; TACTILE; T-cell surface protein tactile; T cell activation, increased late expression; cell surface antigen CD96; t cell-activated increased late expression protein; CD96 molecule

Gene ID

[10225](#)

UniProt ID

[P40200](#)