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# Product Information

## MemDX™ Membrane Protein Human CD96 (CD96 molecule) Expressed in HEK293 for Antibody Discovery, Partial (25-519aa)

Cat. No.: **MPX0798K**
This product is for research use only and is not intended for diagnostic use.

This product is a 81 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 (25-519aa)

**Protein Class**
Cell adhesion

**Molecular Weight**
81 kDa

**TMD**
1

**Sequence**
KTVNTEENVYATLGSDVNLTCQTQTV
GFFVQMQWSKVTNKIDLIAVYHPQYGFYCAYGRPCESLVTFTETPENGSK
WTLHLRNMSCSVSGRYECMLVLYPEGIQTKIYNLLIQTHVTADEWNSNHT
IEIEINQTLEIPCFQNSSSKISSEFTYAWSVENSSTDSWVLLSKGIKEDN
GTQETLISQNHLISNSTLLKDRVKLGTDYRLHLSPVQIFDDGRKFSCHIR
VGPNKILRSSTTVKVFAKPEIPVIVENNSTDVLVERRFTCLLKNVFPKAN
ITWFIDGSFLHDEKEGIYITNEERKGKDGFLELKSVLTRVHSNKPAQSDN
LTIWCMALSPVPGNKVWNISSEKITFLLGSEISSTDPPLSVTESTLDTQP
SPASSVSPARYPATSSVTLVDVSALRPNTTPQPSNSSMTTRGFNYPWTSS
GTDTKKSVSRIPSETYSSSPSGAGSTLHDNVFTSTARAFSEVPTTANGST
KTNHVHITGIVVNKPKDGM

## 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