

## CD96 Protein, Human (HEK293, His)

Cat. No.:	HY-P72698
Synonyms:	T-cell surface protein tactile; Cell surface antigen CD96; CD96
Species:	Human
Source:	HEK293
Accession:	P40200-2 (V22-M503)
Gene ID:	10225
Molecular Weight:	120-130 kDa

### PROPERTIES

#### AA Sequence

VWEKTVNTEE	NVYATLGS DV	NLTCQTQTVG	FFVQMQWSKV
TNKIDLIAVY	HPQYGFYCA Y	GRPCESLVTF	TETPENGSKW
TLHLRNMSCS	VSGRYECMLV	LYPEGIQTKI	YNLLIQTHVT
ADEWNSNHTI	EIEINQTL EI	PCFQNSSSKI	SSEFTYAWSV
EDNGTQETLI	SQNHLLISNST	LLKDRVKLGT	DYRLHLSPVQ
IFDDGRKFSC	HIRVGPNKIL	RSSTTVKVFA	KPEIPVIVEN
NSTDVLEVER	FTCLLKNVFP	KANITWFIDG	SFLHDEKEGI
YITNEERKGG	DGFLELKS VL	TRVHSNKPAQ	SDNLTIWCM A
LSPVPGNKVW	NISSEKITFL	LGSEISS TDP	PLSVTESTLD
TQPSPASSVS	PARYPATSSV	TLVDVSALRP	NTTPQPSNSS
MTRRGFNYPW	TSSGTDTKKS	VSRI PSETYS	SSPSGAGSTL
HDNVFTSTAR	AFSEVPTTAN	GSTKTNHVHI	TGIVVNKPKD
GM			

#### Appearance

Lyophilized powder.

#### Formulation

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Endotoxin Level

<1 EU/µg, determined by LAL method.

#### Reconstitution

It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH<sub>2</sub>O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).

#### Storage & Stability

Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

#### Shipping

Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

---

**Background**

CD96 protein appears to play a role in adhesive interactions during the late phase of the immune response, potentially involving activated T and NK cells. It facilitates NK cell-target adhesion by interacting with PVR present on target cells. CD96 may function in a phase after T and NK cells have penetrated the endothelium using integrins and selectins, actively engaging with diseased cells and navigating within areas of inflammation. Structurally, CD96 forms homodimers through disulfide linkages and interacts specifically with PVR, suggesting its involvement in cell-cell interactions crucial for immune responses during inflammation and infection.

---

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA