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**Product Data Sheet**


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Product Name: CD96 Human

Cat. No.: GP23084

Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms CD96 Molecule; T Cell-Activated Increased Late Expression Protein; Cell Surface Antigen CD96; CD96 Antigen; T Cell Activation; Increased Late Expression; T-Cell Surface Protein Tactile; TACTILE.

Amino Acid Sequence  
 VWEKTVNTEE NVYATLGSDV NLTCQTQTVG FFVQMOWSKV TNKIDLIAVY  
 HPQYGFYCA Y GRPCESLVTF TETPENGSKW TLHLRNMSCS VSGRYECMLV  
 LYPEGIQTKI YNLLIQTHVT ADEWNSNHTI EIEINQTLEI PCFQNSSSKI  
 SSEFTYAWSV EDNGTQETLI SQNHLSNST LLKDRVKLG T DYRLHLSPVQ  
 IFDDGRKFSC HIRVGPNKIL RSSTTVKVFA KPEIPVIVEN NSTDVLVERR  
 FTCLLKNVFP KANITWFIDG SFLHDEKEGI YITNEERKKGK DGFLELKSVL  
 TRVHSNKPAQ SDNLTIWCMA LSPVPGNKVW NISSEKITFL LGSEISSTDP  
 PLSVTESTLD TQPSPASSVS PARYPATSSV TLVDVSALRP NTPPQPSNSS  
 MTRGFNYPW TSSGTDTKKS VSRIPSETYS SSPSGAGSTL HDNVFTSTAR  
 AFSEVPTTAN GSTKTNHVHI TGIVVNKPKD GMLEHHHHHHH.

Formulation CD96 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Introduction**

CD96 is a type I membrane protein which is a part of the immunoglobulin superfamily. CD96 functions as cell markers in immune-phenotyping and participates in antigen presentation. CD96 plays a role in the adhesive interactions of activated T and NK cells through the late phase of the immune response.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1%

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

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HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

CD96 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 490 amino acids (22-503a.a.) and having a molecular mass of 54.6kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). CD96 is expressed with a 8 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

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