

---

**Product Data Sheet**


---

Product Name: CDCP1 Human  
 Cat. No.: GP23100  
 Batch No.: 1

**Product Data**

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

Synonyms CUB Domain Containing Protein 1; Subtractive Immunization M Plus HEP3-Associated 135 kDa Protein; Transmembrane And Associated With Src Kinases; Membrane Glycoprotein Gp140; SIMA135; TRASK; CD318 Antigen; CD318; CUB domain-containing protein 1; Membrane glycoprotein gp140; Subtractive immunization M plus HEP3-associated 135 kDa protein; Transmembrane and associated with src kinases.

Amino Acid Sequence  
 FEIALPRESNITVLIKLGTP TLLAKPCYIV ISKRHITMLS IKSGERIVFT  
 FSCQSPENHF VIEIQKNIDC MSGPCPFGEV QLQPSTSLPTLNRTFIWDV  
 KAHKSIGLEL QFSIPRLRQI GPGESCPDGV THSISGRIDA TVVRIGTFCS  
 NGTVSRIKMQEGVKMALHLP WFHPRNVSGF SIANRSSIKR LCIIESVFEG  
 EGSATLMSAN YPEGFPEDEL MTWQFVVAHLRASVSFLNF NLSNCERKEE  
 RVEYYIPGST TNPEVFKLED KQPGNMAGNF NLSLQGCDQD  
 AQSPGILRLQFQVLVQHPQN ESNKIYVVDL SNERAMSLTI EPRPVKQSRK  
 FVPGCFVCLE SRTCSSNLT TSGSKHKISFLCDDLTRLWM NVEKTISCTD  
 HRYCQRKSYS LQVPSDILHL PVELHDFSWK LLVPKDRLSL  
 VLVPAQKLQQHTHEKPCNTS FSYLVASAIP SQDLYFGSFC PGGSIKQIQV  
 KQNISVTLRT FAPSFQQEAS RQGLTVSFIPYFKEEGVFTV TPDTKSKVYL  
 RTPNWRGLP SLTSVSWNIS VPRDQVACLT FFKERSGVVC  
 QTGRAFMIIQEQRTRAEEIF SLDEDVLPKP SFHHHSFWVN ISNCSPTSGK  
 QLDLLFSVTL TPRTVDLTLE HHHHHH.

Formulation CDCP1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Introduction**

CUB Domain Containing Protein 1, also known as CDCP1 is a transmembrane protein

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

which contains three extracellular CUB domains. CDCP1 is implicated in cell adhesion and cell matrix association. In addition, CDCP1 takes part in the regulation of anchorage versus migration or proliferation versus differentiation through its phosphorylation. CDCP1 is also a novel marker for leukemia diagnosis as well as for immature hematopoietic stem cell subsets. Furthermore, the extracellular region of human CDCP1 shares amino acid identity sequence with the mouse CDCP1.

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

### Background

CDCP1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 646 amino acids (30-667 a.a.) and having a molecular mass of 72.8 kDa (Molecular size on SDS-PAGE will appear at approximately 70-100 kDa). CDCP1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**