

## 32-13134: CDCP1 Human

**Alternative Name :**

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.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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

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

### Product Info

**Amount :**

1 µg / 5 µg

**Purification :**

Greater than 90.0% as determined by SDS-PAGE.

**Content :**

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

**Storage condition :**

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.

**Amino Acid :**

FEIALPRESN ITVLIKLGTP TLLAKPCYIV ISKRHITMLS IKSGERIVFT FSCQSPENHF VIEIQKNIDC  
MSGPCPFGEV QLPSTSLLP TLNRTFIWDV KAHKSIGLEL QFSIPRLRQI GPGESCPDGV THSISGRIDA  
TVVRIGTFCS NGTVSRIKMQ EGVKMALHLP WFHPRNVSGF SIANRSSIKR LCIIESVFEG EGSATLMSAN  
YPEGFPEDEL MTWQFVVP AH LRASVSFLNF NLSNCERKEE RVEYYIPGST TNPEVFKLED KQPGNMAGNE  
NLSLQGCQD AQSPGILRLQ FQVLVQHPQN ESNKIYVVDL SNERAMSLTI EPRPVKQSRK FVPGCFVCLC  
SRTCSSNLT TSGSKHKISF LCDDLTRLWM NVEKTICTD HRYCQRKSYS LQVPSDILHL PVELHDFSWK  
LLVPKDRSL VLVPAQKLQ HTHEKPCNTS FSYLVASAIIP SQDLYFGSFC PGGSIKQIQV KQNISVTLRT  
FAPSFQEQAS RQGLTVSFIQ YFKEEGVFTV TPDTKSKVYL RTPNWDRLP SLTSVSWNIS VPRDQVACLT  
FFKERSGVVC QTGRAFMIIQ EQRTRAEIIF SLDEDVLPKP SFHHHSFWVN ISNCSPTSGK QLDFLLSVTL  
TPRTVDLTLE HHHHHH.