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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 QLQPSTSLLP TLNRTFIWDV KAHKSIGLEL QFSIPRLRQI GPGESCPDGV THSISGRIDA TVVRIGTFCS NGTVSRIKMQ EGVKMALHLP WFHPRNVSGF SIANRSSIKR LCIIESVFEG EGSATLMSAN YPEGFPEDEL MTWQFVVPAH LRASVSFLNF NLSNCERKEE RVEYYIPGST TNPEVFKLED KQPGNMAGNF NLSLQGCDQD AQSPGILRLQ FQVLVQHPQN ESNKIYVVDL SNERAMSLTI EPRPVKQSRK FVPGCFVCLE SRTCSSNLTL TSGSKHKISF LCDDLTRLWM NVEKTISCTD HRYCQRKSYS LQVPSDILHL PVELHDFSWK LLVPKDRLSL VLVPAQKLQQ HTHEKPCNTS FSYLVASAIP SQDLYFGSFC PGGSIKQIQV KQNISVTLRT FAPSFQQEAS RQGLTVSFIP YFKEEGVFTV TPDTKSKVYL RTPNWDRGLP SLTSVSWNIS VPRDQVACLT FFKERSGVVC QTGRAFMIIQ EQRTRAEEIF SLDEDVLPKP SFHHHSFWVN ISNCSPTSGK QLDLLFSVTL TPRTVDLTLE HHHHHH.