

Recombinant Human CDCP1 Protein

Catalog #	Source	Reactivity	Applications
CRP1260	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CDCP1 Protein is produced by our mammalian expression system and the target gene encoding Phe30-Ser341 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	CDCP1		
Alternative Names	TRASK; CUB domain-containing protein 1; Membrane glycoprotein gp140; Subtractive immunization M plus HEp3-associated 135 kDa protein; SIMA135; Transmembrane and associated with src kinases; CD318		
Entrez Gene	64866 (Human)		
SwissProt	Q9H5V8 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	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 KQPGNMAGNF NLSLQGCDDQ AQSPGILRLQ FQVLVQHPQN ESSEVDHHHH HH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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