

Product datasheet for TP320633M

CDCP1 (NM_022842) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CUB domain containing protein 1 (CDCP1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220633 representing NM_022842 Red=Cloning site Green=Tags(s)

MAGLNCGVSIALLGVLLLGAARLPRGAEAFEIALPRESNITVLIKLGTPDLLAKPCYIVISKRHITMLSI
KSGERIVFTFSCQSPENHFVIEIQKNIDCMSGPCPFGEVQLQPSTSLPLNRTFIWDVKAHKSIGLELQ
FSIPRLRQIGPGESCPDGVTHSISGRIDATVVRIGTFCSNGTVSRIKMQEGVKMALHLPWFHPRNVSGFS
IANRSSIKRLCIIESVFEGEGSATLMSANYPEGFPEDELMTWQFVVPALHRASVSFLNFNLSNCERKEER
VEYYIPGSTTNPEVKLEDKQPGNMAGNFNLSLQGCDQDAQSPGILRLQFQVLVQHPQNESNKIYVDLS
NERAMSLTIEPRPVKQSRKFVPGFCVLESRTCSSNLTLSGSKHKISFLCDDLTRLWMMNVEKTISCTDH
RYCQRKSYSLQVPSDILHLPVELHDFSWKLLVVPKDRSLVLPVPAQKLQQTHEKPCNTSFSYLVASAI
QDLYFGSFCPGGSIKQIQVKQNI SVTLRTFAPSRQEASRQGLTVSFIPYFKEEGVFTVTPDTKSKVYLR
TPNWDRLPSLTSVSWNISVPRDQVACLTFKERSGVQCQTGRAFMIIQEQRTRAEEIFSLDEDVLPKPS
FHHHSFWVNISNCSPTS~~SGKQLDLLFSVTLTPRTVDLTVILIAAVGGGVLLLSALGLIICCVK~~KKKKKTNK
GPAVGIYNGNINTEMPRQPKFKQGRKDNDSHVYAVIEDTMVYGHLLQDSSGSFLQPEVDTYRPFQGTMG
VCPSPPTICSRAPTAKLATEEPPPRSPPESESEPYTFSHPNNGDVSSKDTDIPLLNTQEPMEPAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	92.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	ELISA assay (PMID: 26227951)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_073753](#)

Locus ID: 64866

UniProt ID: [Q9H5V8](#)

RefSeq Size: 6017

Cytogenetics: 3p21.31

RefSeq ORF: 2508

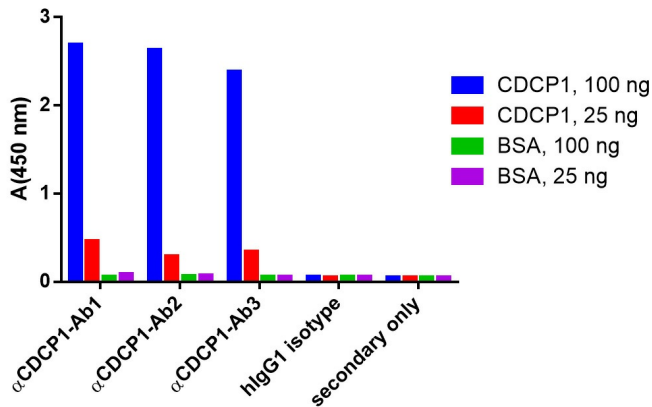
Synonyms: CD318; SIMA135; TRASK

Summary: This gene encodes a transmembrane protein which contains three extracellular CUB domains and acts as a substrate for Src family kinases. The protein plays a role in the tyrosine phosphorylation-dependent regulation of cellular events that are involved in tumor invasion and metastasis. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]

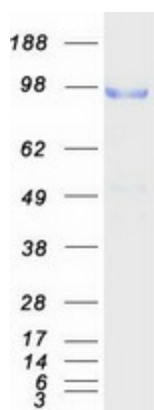
Protein Families: ES Cell Differentiation/IPS, Transmembrane

Product images:

Direct ELISA on recombinant full-length CDCP1



Binding of anti-CDCP1 antibodies (two DARPin-Fcs, Ab1 and Ab2, and one IgG, Ab3) to 25 or 100 ng recombinant full-length CDCP1 transcript variant 1 (OriGene [TP320633]) in a direct ELISA assay. BSA, hlgG1, secondary only are controls. Figure cited from Mol Cancer, PMID: 26227951



Coomassie blue staining of purified CDCP1 protein (Cat# [TP320633]). The protein was produced from HEK293T cells transfected with CDCP1 cDNA clone (Cat# [RC220633]) using MegaTran 2.0 (Cat# [TT210002]).