

Mouse Cub Domain-Containing Protein 1, Cdcp1 ELISA Kit | Cdcp1 elisa kit

Mouse Cub Domain-Containing Protein 1, Cdcp1 Primacu ELISA Kit

CATALOG #
AAA124345

REACTIVITY
Mouse

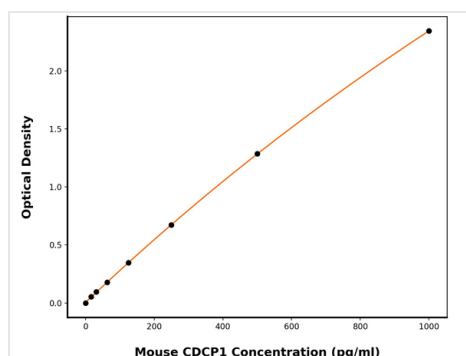
PRODUCT SYNONYMS

Cub Domain-Containing Protein 1; Cdcp1; Mouse Cub Domain-Containing Protein 1; Cdcp1 Primacu ELISA Kit; CUB domain-containing protein 1; CDCP1; Cdcp1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	15.63-1000pg/mL
Sensitivity	4.03pg/mL
Standard Solution	10ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Cdcp1 elisa kit

CDCP1 contains three extracellular CUB domains. It is a putative stem cell marker that is highly expressed in some human cancer cells and both, typical and atypical (cancerous) colons. It interacts with CDH2/N-cadherin, CDH3/P-cadherin, SDC1/syndecan-1, SDC4/syndecan-4 and the serine protease ST14/MT-SP1. It also interacts with SRC and PRKCG/protein kinase C gamma. CDCP1 is taken as a key regulator of EGF/EGFR-induced cell migration. It has been shown that signaling via EGF/EGFR induces migration of ovarian cancer Caov3 and OVCA420 cells with concomitant up-regulation of CDCP1 mRNA and protein. Consistent with a role in cell migration CDCP1 relocates from cell-cell junctions to punctate structures on filopodia after activation of EGFR. It may be involved in cell adhesion and cell matrix association. It also may play a role in the regulation of anchorage versus migration or proliferation versus differentiation via its phosphorylation. It has been taken as a novel marker for leukemia identification and immature hematopoietic stem cell subsets.

Product Categories/Family for Cdcp1
elisa kit

Primacu ELISA Kit; Cancer; Stem cells; Tags & cell markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	61098143
NCBI GeneID	109332
NCBI Accession #	NP_598735.2
NCBI GenBank Nucleotide #	NM_133974.3
UniProt Accession #	Q5U462; Q810J0; Q921M9
Molecular Weight	92,726 Da
NCBI Official Full Name	CUB domain-containing protein 1
NCBI Official Synonym Full Names	CUB domain containing protein 1
NCBI Official Symbol	Cdcp1
NCBI Official Synonym Symbols	AA409659; 9030022E12Rik; E030027H19Rik
NCBI Protein Information	CUB domain-containing protein 1; membrane glycoprotein gp140; transmembrane and associated with src kinases
UniProt Protein Name	CUB domain-containing protein 1
UniProt Gene Name	Cdcp1
UniProt Entry Name	CDCP1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cub-domain-containing-protein-1-cdcp1/124345>