

# Recombinant Full Length Human CDCP1 Protein, GST-tagged

Cat. No. CDCP1-3123HF Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Human CDCP1 full-length ORF (NP_835488.1, 1 a.a. - 343 a.a.) recombinant protein with GST-tag at N-terminal.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | In Vitro Cell Free System   |
| <b>Protein Length</b>   | 343 amino acids   |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 64.2 kDa  |
| <b>AA Sequence</b>      | MAGLNCGVSIALLGVLLLGAARLPRGAEAFEIALPRESNITVLIKLGTPDLLAKPCYIVIS<br>KRHITMLSISGERIVFTFSCQSPENHFVIEIQKNIDCMMSGPCPFGEVQLQPSTLLPT<br>LNRTFIWDVKAHKSIGLELQFSIPRLRQIGPGESCPDGVTHSISGRIDATVVRIGTFCS<br>NGTVSRIKMQEGVKMALHLPWFHPRNVSGFSIANRSSIKRLCIIESVFEGEGSATLMS<br>ANYPEGFPEDELMTWQFVVPAPHLRASVSFLNFNLSNCERKEERVEYYIPGSTTNPE<br>VFKLEDKQPGNMAGNFNLSLQGCDAQSPGILRLQFQVLVQHPQNESSE                               |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay   |

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** CDCP1 CUB domain containing protein 1 [ Homo sapiens ]

**Official Symbol** CDCP1

**Synonyms** CDCP1; CUB domain containing protein 1; CUB domain-containing protein 1; CD318; SIMA135; membrane glycoprotein gp140; transmembrane and associated with src kinases; subtractive immunization M plus HEP3-associated 135 kDa protein; TRASK;

**Gene ID** 64866

**mRNA Refseq** NM\_022842

**Protein Refseq** NP\_073753

**MIM** 611735

**UniProt ID** Q9H5V8

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