

Product datasheet for SC123355

CDCP1 (NM_178181) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDCP1 (NM_178181) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDCP1
Synonyms:	CD318; SIMA135; TRASK
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_178181 edited GGGCGGGGCTCGGGCCGGTCCGCCCGCGCAGGTGAGTGAGCCAGGGCGGAGCGCAGCT GCGCCGGGCTTGGGCGCCTGGGGCGCCGCTCCCACCGTCGTTTTCCCACCGAGGCCG AGGCGTCCCGGAGTCATGGCCGGCCTGAACTGCGGGGTCTCTATCGCACTGCTAGGGTT CTGCTGCTGGGTGCGGCGCGCCTGCCGCGGGGCGAGAAGCTTTTGAGATTGCTCTGCCA CGAGAAAGCAACATTACAGTTCTCATAAAGCTGGGGACCCGACTCTGCTGGCAAAACCC TGTTACATCGTCATTTCTAAAAGACATATAACCATGTTGTCCATCAAGTCTGGAGAAAGA ATAGTCTTTACCTTAGCTGCCAGAGTCTGAGAATCACTTTGTCATAGAGATCCAGAAA AATATTGACTGTATGTCAGGCCCATGTCCTTTTGGGGAGGTTGAGCTTCCAGCCCTCGACA TCGTTGTTGCCTACCCTCAACAGAACTTTCATCTGGGATGTCAAAGCTCATAAGAGCATC GGTTTAGAGCTGCAGTTTTCCATCCCTCGCCTGAGGCAGATCGGTCCGGGTGAGAGCTGC CCAGACGGAGTCACTCACTCCATCAGCGCCGAATCGATGCCACCGTGGTCAGGATCGGA ACCTTCTGCAGCAATGGCACTGTGTCCCGATCAAGATGCAAGAAGGAGTGAAAAATGGCC TTACACCTCCCATGGTCCACCCAGAAATGTCTCCGGCTTCCAGATTGCAAACCGCTCA TCTATAAAACGTCTGTGCATCATCGAGTCTGTGTTTGAGGGTGAAGGCTCAGCAACCCCTG ATGTCTGCCAACTACCCAGAAGGCTTCCCTGAGGATGAGCTCATGACGTGGCAGTTTGTG GTTCTGCACACCTGCGGGCCAGCGTCTCCTTCTCAACTCAACCTCTCCAAGTGTGAG AGGAAGGAGGAGCGGGTTGAATACTACATCCCGGGCTCCACCACCAACCCCGAGGTGTT AAGCTGGAGGACAAGCAGCCTGGGAACATGGCGGGAACTTCAACCTCTCTGCAAGGC TGTGACCAAGATGCCAAAGTCCAGGGATCCTCCGGCTGCAAGTTTCAAGTTTTGGTCCAA CATCCACAAAATGAAAGCAGTGAGTGAGCCCACTTTCTTTTTTCTTCTCCTCCAGCAC CTTCGTTGTTTCTGGTAGTCTGCCTGGGTGAGGCTCCCTTCTGTTTCTCATCTGTGG CTTCTGAAACACTTAGACTCTGGACCCAGCAAGAGTTTCAGGAAGTGGGTTGCTAGGCAG TTAGACAGGCTTGTGGTGAACACCCGGTATGTAGTTCATTTCCAGCACAATAAAAAAGAA ATCTTGCAATCAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_178181 unedited NCTCTTCGGGATTTGTAACGACTTACTATAGGCGGCACGCGAATTCGCACGAGGGGCGG GGCTCGGGCCGGTCCGCCCGCGCAGGTGAGTGAGCCAGGGCGGAGCGCAGCTGCGCCG GGCTTGGGCGCCTGGGGCCGCCCTCCCCACCGTCGTTTTCCCCACCGAGGCCGAGGCCT CCCGGAGTCATGGCCGGCCTGAACTGCGGGTCTCTATCGCACTGCTAGGGGTTCTGCTG CTGGGTGCGGCGCGCTGCCGCGGGGCGAGAAGCTTTTGAGATTGCTCTGCCACGAGAA AGCAACATTACAGTTCTCATAAAGCTGGGGACCCGACTCTGCTGGCAAACCCCTGTAC ATCGTCATTTCTAAAAGACATATAACCATGTTGTCCATCAAGTCTGGAGAAAGAATAGTC TTTACCTTTAGCTGCCAGAGTCCTGAGAATCACTTTGTATAGAGATCCAGAAAAATATT GACTGTATGTCAGGCCCATGTCCTTTTGGGGAGGTTTCCAGCTTCAGCCCTCGACATCGTTG TTGCTACCCCAACAGAACTTTCATCTGGGATGTCAAAGCTCATAAGAGCATCGGTTTA GAGCTGCAGTTTTCCATCCCTCGCCTGATGCAGATCGGTCCGGGTGAGAGCTGCCAGAC GGAGTCACTCACTCCATCAGCGGCCGAATCGATGCCACCGTGGTCAGGATCGGAAACCTT CTGCAGCATGGCACTGTGTCGGGATCAAGATGCAGAAGGAGTAAAAATGGCCTTACCC TCCNATGGNTNACCCCCAGAATGTCTNCGGCTTACGATTGCAAACCGCTCATCTATAAA ACGTCTGTGCATCATCGAGTCTGTGTTTGAAGGTGAAGGCTCANC
Restriction Sites:	Please inquire
ACCN:	NM_178181
Insert Size:	1410 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_178181.1 , NP_835488.1
RefSeq Size:	1410 bp
RefSeq ORF:	1032 bp
Locus ID:	64866
UniProt ID:	Q9H5V8
Cytogenetics:	3p21.31
Protein Families:	ES Cell Differentiation/IPS, Transmembrane

Gene 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]

Transcript Variant: This variant (2) transcribes past a splice site that is used in variant 1. This results in a novel 3' coding region and 3' UTR, compared to variant 1. It encodes isoform 2 which is shorter and has a distinct C-terminus, compared to isoform 1.