

Product datasheet for **SC305059**

CDCP1 (NM_022842) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CDCP1 (NM_022842) Human Untagged Clone
Tag: Tag Free
Symbol: CDCP1
Synonyms: CD318; SIMA135; TRASK
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_022842 edited
GGGCGGGGCTCGGGCCGGTCCGCCGCGCAGGTGAGTGAGCCAGGGCGGAGCGCAGCT
GCGCCGGGCTTGGGCGCCTGGGGCCGCCCTCCCACCGTCGTTTTCCCACCGAGGCCG
AGGCGTCCCGGAGTCATGGCCGGCCTGAACTGCGGGGTCTCTATCGCACTGCTAGGGTT
CTGCTGCTGGGTGCGGCGCCTGCCGCGGGGCGAGAAGCTTTTGAGATTGCTCTGCCA
CGAGAAAGCAACATTACAGTTCTCATAAAGCTGGGGACCCGACTCTGCTGGCAAAACCC
TGTTACATCGTCAATTTCTAAAAGACATATAACCATGTTGTCCATCAAGTCTGGAGAAAGA
ATAGTCTTTACCTTAGCTGCCAGAGTCCCTGAGAATCACTTTGTCATAGAGATCCAGAAA
AATATTGACTGTATGTCAGGCCATGTCCTTTTGGGGAGGTTGAGCTTCCAGCCCTCGACA
TCGTTGTTGCCTACCCTCAACAGAACTTTCATCTGGGATGTCAAAGCTCATAAGAGCATC
GGTTTAGAGCTGCAGTTTTCCATCCCTCGCCTGAGGCAGATCGGTCCGGGTGAGAGCTGC
CCAGACGGAGTCACTCACTCCATCAGCGCCGAATCGATGCCACCGTGGTCAGGATCGGA
ACCTTCTGCAGCAATGGCACTGTGTCCCGATCAAGATGCAAGAAGGAGTGAAAAATGGCC
TTACACCTCCCATGGTTCACCCCGAAAATGTCTCCGGCTTCCAGATTGCAAACCGCTCA
TCTATAAAACGTCTGTGCATCATCGAGTCTGTGTTTGAGGGTGAAGGCTCAGCAACCCCTG
ATGTCTGCCAACTACCCAGAAGGCTTCCCTGAGGATGAGCTCATGACGTGGCAGTTTGTG
GTTCTGCACACCTGCGGGCCAGCGTCTCCTTCTCAACTCAACCTCTCCAAGTGTGAG
AGGAAGGAGGAGCGGGTTGAATACTACATCCCGGGCTCCACCACCAACCCCGAGGTGTT
AAGCTGGAGGACAAGCAGCCTGGGAACATGGCGGGAACTTCAACCTCTCTGCAAGGC
TGTGACCAAGATGCCAAAGTCCAGGGATCCTCCGGCTGCAAGTTTCAAGTTTTGGTCCAA
CATCCACAAAATGAAAGCAATAAAATCTACGTGTTGACTTGAGTAATGAGCGAGCCATG
TCACTCACCATCGAGCCACGGCCGTCAAACAGAGCCGCAAGTTTGTCCCTGGCTGTTTC
GTGTGTCTAGAATCTCGGACCTGCAGTAGCAACCTCACCTGACATCTGGCTCCAAACAC
AAAATCTCCTTCTTTGTGATGATCTGACACGTCTGTGGATGAATGTGGAAAAAACATA
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ATCCTCCACCTGCCTGTGGAGCTGCATGACTTCTCCTGGAAGCTGCTGGTCCCAAGGAC
AGGCTCAGCCTGGTGTGCTGGTCCAGCCAGAAGCTGCAGCAGCATACACACGAGAAGCCC



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TGCAACACCAGCTTCAGCTACCTCGTGGCCAGTGCCATACCCAGCCAGGACCTGTACTTC
 GGCTCCTTCTGCCCGGGAGGCTCTATCAAGCAGATCCAGGTGAAGCAGAACATCTCGGTG
 ACCCTTCGCACCTTTGCCCCAGCTTCCGACAAGAGGCCCTCCAGGCAGGGTCTGACGGTG
 TCCTTTATACCTATTTCAAAGAGGAAGGCGTTTTACGGTGACCCTGACACAAAAAGC
 AAGGTCTACCTGAGGACCCCAACTGGGACCGGGCCTGCCATCCCTCACCTCTGTGTCC
 TGGAAATCAGCGTGCCAGAGACCAGGTGGCCTGCCTGACTTTCTTTAAGGAGCGGAGC
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 AAGAAGACAAACAAGGGCCCGCTGTGGGTATCTACAATGGCAACATCAATACTGAGATG
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 GTCATCGAGGACACCATGGTATATGGGCATCTGCTACAGGATCCAGCGGCTCCTTCCTG
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 CCAACCACCATATGCTCCAGGGCCCAACTGCAAAGTTGCCACTGAGGAGCCACCTCCT
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 CTGGGGCTCACATTCTCACCTAGCAACAACTGGCTGGAGCTGGGCACCAGCTCTGCCTTT
 AGAAGGGGTGTCCACTTACCAGGTACCACAGCCCACTACGCCCTATCACTTCCCAC
 AATGAGGCTGAGTGTGTTTCTACTGATCAATGCCCTGCAGGTTGCATTTATTGTAAT
 GAAAAAGAAAGACTGGGATTAATCTCTAATCAGGTGAGTAGACCATGAGACCAATGTGTG
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 AGGATCTCATTCTGTTGCCCTAGGCTGGAGTGCAGTGGCGCAATCTCGGCTCACTGCAACC
 TCTGCCTCCTGGGCTCAAGCAATCTCCACCTCAGCCTCCCAAATAGCTGGGATCACTG
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 TGCTGGGATTACAGATGTGAGCCACCGCATCCAGCCCCACACCCTCATTTATACCAATTA

CCTGCCAGTAAGTGTGGACTTTTGCTTCCTCACCCCTGCTCTGATCTGGAAGGAGAGGG
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 TCAAAAAATAAATGTAATTCATTGTATTCAATGAATTCACCTTGGAAATGCACCGCTCA
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 TGGCACCTTTCCCTTCTGAAAGTCTGGTTCCTGCCAGTGACCCTTGGCCTTGTGAGCCG
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 CCCAGCCCTTCCAAGCAGGACTAGGTGCCCTGCATTCCACCCAAGGTGGGATTGGCCTT
 CCTTAGGCTGGCTACTTGTACCATCACCGACATCACTGTTGCCTGCAAGGACACCACGT
 GGCCATTTTCTTCAACTGAGGGCTCAAACTCCTGGACAAGTTGCTGGCTCCTGAGACC
 AGTATTTCTGGAGCTGTGCCTCAGTGAAGGGGCCAGCCTGAGGAACCTGGCTTTTT
 CTTTAAAGCCAGGCCCACTTACATAAAACATTTAGGGTCACTGGAACAGTGAAGTG
 CCATTTGTTGAAGCCTACTGCATGCCAGCCACTGCTCATCCACGTGGTCTGCCATGCC
 ACGAGGAAGGCCAGCGCATGCAGGACTGGTCTCTAATGCTGTGGTCATTGCACAGAAGGG
 AAAGGTCTCAAGGAAGAGTCAACTGGGACAAGCAAGCCACCCGACATGGCCTTGGTA
 AAGGTTAGCAGACTGGTGTGTGGATCTGCAGTGCTTACTGGAATAATTTATTCATT
 GCAGATACTTTTTAGGTGGCATTATTCATTTCTGTGCTTTAAATAAACAAATGTACC
 AAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>Reverse primer walk for NM_022842 unedited
 ACCGAAAATTTCTGGGGTGAACCATGGGAGGTGAAGGCCATTTTCACTCCTTCTTGC
 ATCTTGATCCGGGACACAGTGCATTGCTGCAGAAGGTTCCGATCCTGACCACGGTGGCA
 TCGATTCCGGCCGCTGATGGAGTGAGTACTCCGTCTGGGAGCTCTCACCCGGACCGATC
 TGCCCTCAGGCGAGGGATGGAAAATGCAGCTCTAAACCGATGCTCTTATGAGCTTTGACA
 TCCCAGATGAAAGTTCTGTTGAGGGTAGGCAACAACGATGTCGAGGGCTGAAGCTGAACC
 TCCCCAAAAGGACATGGGCTGCATACAGTCAATATTTTTCTGGATCTCTATGACAAAG
 TGATTCTCAGGACTCTGGCAGCTAAAGGTAAGACTATTTCTCCAGACTTGATGGAC
 AACATGGTTATATGTCTTTTGAAGTACAGATGTAACAGGGTTTTGCCAGCAGAGTCGGG
 GTCCCCAGCTTTATGAGAACTGTAATGTTGCTTTCTCGTGGCAGAGCAATCTCAAAGCT
 TCTGCCCCGCGCGCAGGCGCGCCGACCCAGCAGCAGAACCCTAGCAGTGCATAGAG
 ACCCCGAGTTTCAAGCCGGCCATGACTCCGGGACGCCCTCGCCTCGGTGGGAAAACGAC
 GGTGGGGAGCGCGGCCCCAGGCGCCAAAGCCGGCGCAGCTGCGCTCCGCCCTGGCTCA
 CTCACCTGCGCGCGGGCGGACCGGCCGAGCCCGCCCTCGTCCGAATTGCGGCCCGC
 CTATAGTGAATCGTATTACAAAATTTCTGGAGGTTTACTAAAGAACT

3' Read Nucleotide Sequence:

>OriGene 3' genomic read for NM_022842 unedited
 AGNGAGAGCACTGGGGCAGGGTACAGGCTGCCACCCGGTTCTGTTTCAGGAAACAGCTA
 TGACCCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTGGTACATT
 TGTTTTATTTAAAGCACAGGAAATGAATAAAATGCCACCTAAAAAGTATCTGCAATGAATA
 AATTATTTTTCAGTGAAGCACTGCAGATCCACACACACAGTCTGCTAACCTTTACCAAGG
 CCATGTCCGGTGGGCTTGTGCTTGTCCCAGTTGACTTTCCTTGAGACCTTTCCCTTCTG
 TGCAATGACCACAGCATTAGAGACCAGTCTGCATGCGCTGGCCTTCTCGTAGGCATGG
 CACACCAGTGGATGAGCAGTGGGCTGGCATGCAATAGGCTTCAACAAATGGCACTTAC
 TGTTTCCAGTGACCCTGAAATGTTTTATGTAAGTGGGGCTGGGCTTTAAAGAAAAGAGC
 CAGGGTTCTCAGGCTGGCCCTTCACTGACGCACAGCTCCAGGAAATACTGGTCTCAG
 GAGCCAGCAACTTGCCAGGAGTTTTGAGCCCTCAGTTTGAGGAAAATGGGCACTTGTG
 TCCTTGACAGGCAACAGTATGTCCTGATGGTGACAAATTACCCAGCCTAAGGGAAGGCC
 CATCCCACCTTTGGTGGGAATGCAGGGGCACCTAGTCCCTGTCTTGAAGGGCCTGGG
 AGGTTGGGGAAAGGTCAAGAAAGGGGGGCTAGGGCTTACACAATTGAATTCAAATAA
 GGGCTCTTAAATGGAGGGAAGGAAAGCCCGCACCCCTCCCTTTGGCCCTTTTACCAAGG
 GCCAGTATCTCGGCTCC

Restriction Sites:

Please inquire

ACCN:	NM_022842
Insert Size:	5800 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).
OTI Annotation:	There are 4 nucleotide differences between the OriGene clone and the NCBI reference ORF. OriGene considers these to be polymorphisms and to reflect the natural differences between individuals. These result in the substitution of 2 amino acid.
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_022842.3 , NP_073753.3
RefSeq Size:	6017 bp
RefSeq ORF:	2511 bp
Locus ID:	64866
UniProt ID:	Q9H5V8
Cytogenetics:	3p21.31
Protein Families:	ES Cell Differentiation/IPS, Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>