

Product datasheet for SC111414

C10orf97 (FAM188A) (NM_024948) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf97 (FAM188A) (NM_024948) Human Untagged Clone
Tag:	Tag Free
Symbol:	C10orf97
Synonyms:	C10orf97; CARP; DERP5; FAM188A; MST126; MSTP126; my042
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111414 sequence for NM_024948 edited (data generated by NextGen Sequencing)

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ATGTCCGAAGCTGACTAAAGAGCTGATGGAGCTGGTGTGGGGACCAAGAGCAGCCCCGGT
CTCTCGGACACCATTTTCTGCCGCTGGACGCAAGGGTTTGTGTTAGTGAATCAGAGGGA
TCTGCATTAGAACAGTTTGAAGGTGGCCCTGTGCTGTTATTGCACCTGTTCAAGCATTT
CTTTTGAAGAAGCTCCTGTTTTCTCGGAGAAGTCTTCTTGGCGGGATTGTTCAAGGAA
GAGCAGAAGGAAGTCTTGTGTCATACCTTGTGTGATATTTAGAAAGTGCTTGTGTGAC
CACTCTGGATCATACTGCTTGGTTTCATGGTTAAGAGGAAAGACAAGTGAAGAACTGCT
AGTATTTCTGGGAGTCTGCAGAGTCTAGTTGCCAAGTGAACATTCTTCTGCCTTGGCT
GTCGAAGAGCTTGGCTTTGAGCGATTTTCATGCATTAATCAAAAAGATCGTTCAGAAGT
TTACCAGAATTAAGATGCTGTCTTGGACAGTATTCAATGTGGGAAATAAATTTGGA
GTATTGCTTTTTCTGTATTCTGTATTACTGACAAAGGGCATTGAAACATAAAAAACGAA
ATTGAAGATGCAAGTGAACCTTGATAGATCCTGTATATGGACATGGCAGCCAAAGTTTA
ATTAATCTCCTGCTGACGGGACATGCTGTTTCTAATGTATGGGATGGTGATAGAGAGTGC
TCAGGAATGAAACTTCTTGGTATACATGAACAAGCAGCAGTAGGATTTTAACTAATG
GAAGCTTTAAGATACTGTAAGGTTGGTTCTTACTTGAAATCTCCAAAATTCCTATTTGG
ATTGTTGGCAGTGAGACTCACCTCACCGTATTTTTTGGCAAGGATATGGCTTTAGTTGCC
CCTGAAGCTCCTTCAGACAAGCCAGAAGAGTTTTTCAAACCTACGACCCAGAAGATAAT
GGATTCATACCCGATTCCTTCTGGAAGATGTGATGAAAGCATTGGACCTTGTTCAGAT
CCTGAATATATAAATCTCATGAAGAATAAATTAGATCCAGAAGGATTAGGAATCATATTA
TTGGGGCCCATTTTCTCAAGAATTTTTCTGATCAGGGCTCCAGTGGTCCAGAATCTTTT
ACTGTCTACCACTACAATGGATTGAAGCAGTCAAATTATAATGAAAAGTCATGTACGTA
GAAGGGACTGCAGTTGTGATGGGTTTTGAAGATCCCATGCTACAGACAGATGACACTCCT
ATTAAACGCTGTCTGCAAAACCAATGGCCATACATTGAGTTACTCTGGACCACAGATCGC
TCTCCTTCACTAAATTAA
  
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Clone variation with respect to NM_024948.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024948 unedited AGTATATTTGTATACGACTCACTATAGGGCGGCCGCGACATTCGCACGAGGCTGGCTTGA CAGGCTTGGTCTCTGCAAGTGGCTCTCAGCCCCCTTCTTCTTCTGCCTCACCTTCCAAT TCGTTTGGCGCCGCGCTCCCGCAGCTGCTGTTCCGGAGTTGCCCTTCCCCATGTTCCG GGGCAGGAGTCCGCAAAGCGAAGATCCGCCCGCGGTTCCCATCATGTCCGAAGTGA AAAGAGCTGATGGAGCTGGTGTGGGGACCAAGAGCAGCCCCGGTCTCTCGGACACCATT TTCTGCCGCTGGACGCAAGGGTTTGTGTTTAGTGAATCAGAGGGATCTGCATTAGAACAG TTTGAAGGTGGCCCTGTGCTGTTATTGCACCTGTTAGGCATTTCTTTGAAGAAAGCTC CTGTTTTCTTCGGAGAAGTCTTCTTGGCGGATTGTTTCAGAGGAAGAGCAGAAGGAACTC CTTTGTCATACCTTGTGTGATATTTAGAAAGTCTTGTGTGACCACTCTGGATCATAC TGCTTGGTTTCATGGTTAAGAGGANAGACAAGTGAAGAACTGCTAGTATTTCTGGGAGT CCTGCAGAGTCTAGTTGCCAAGTGAACATTCTTCTGCCTTGGCTGTGAAGAGCTTGGC TNTGAGCGATTTTCATGCATTAATTCANAAAAGATCGTTCAGAAAGTTACCAGAAATTA GATGCTGTCTTGGACAGTATTCAATGTGGGAAATAAATTTGGAGNANNTGCTTTTCTG GATTCTGGATACTGACAAAAGGCATTGAAAACNAAAAACGAATTGAGATGCAGTGAACC CTGATAGACCTGTTATGGACTGGCACCAAGTTTATTTATCTCCTGCTGACGGNAATGCT GGTCCTAAGTATGGGATGGGAAANAAACGCTCAGA
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_024948 unedited TAGAGTCGAGNNNTTTTTTTTTTTTTTTTTTTTTTAAAAAAAAGGTGTTTATTTAGGC CATCAACTAGGATCATAATAAATAACGTAATATACTAATGTAATAACAGATCTTCTCATG CATTTATCGTGTTTATAAATATAGAAGAAAGCTGGCTTACAGGGCTGTTGGGACAAATTT GGAAAAGTGATTTGGCAATTACACAGTAAAAGTTAACAGTGTTGACTATCAGATTCTCT TTTCTGTGAGTTTTTAGAATACATCCCCTATACATCTGTGAATAAATGGTAATGGTCTCT TAGAGTTTCTAACTTTTTGTGAACATGCCAGAGTTAAGTAAATTGTCAAAGGATCCAGGT TGACAATGTGTTATTTGTCAATATTTCTAATGAAAAACAGATCTTAGAAAAATGAACCT TCTGCATTTTCATTGTAGAGGCTGATATATTACAAGCCGGAATCATTCAAACAATAAAAA AGTGCCTCAATGAAATAAAACCCAAAAGTAGTTTATCAATAGTAACTGTGATACTTAATA TACAAATGCTGTAGTATTGCGTTTGTAAATTTGGTAGTAAATGACCAAGTATCTGAATGCC AAAGTGATGAACTTTGATGAAAGCTTAATTNTGCTAGTAACNTTACACGAAGGGGTAA AATNGGATAATCTTTAAACATAAGCTTTTAGGACAATANTTTAAACATATCATAAACAT GAAAATGGNGTTCTAATTGTTATTACACANTAATCAGTGAACCAAGTGTTTACCTAATCCAG GCAATTGCAGTCTTGACTCCTTCTTTCACATTTGTATTAAAGATCTTCTATTAACCTTA ACAAATATATTANGGAAGGAAACCATCTGGGGTCAAAGTAACTCATGTATGGCCTTTGGT TTGCACACGGTTAAAAGGAAGGTATTTGCTGGACATGGTATTTTAAACCTCCAAGTGCAG CCTTTTAGNATGACCTTAATTATAATGCGCTAAACCTTGGGGGAAACGCAAAATTGGACA TGGACCTGAAG
Restriction Sites:	NotI-NotI
ACCN:	NM_024948
Insert Size:	2290 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:

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_024948.2](#), [NP_079224.1](#)

RefSeq Size: 2375 bp

RefSeq ORF: 1338 bp

Locus ID: 80013

UniProt ID: [Q9H8M7](#)

Cytogenetics: 10p13

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene contains a caspase-associated recruitment domain and may function in apoptosis. It has been identified as a tumor suppressor in lung and gastric cancers, and a polymorphism in the gene may be associated with gastric cancer risk. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2015]
 Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).