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Product datasheet for MC223556

Capn15 (NM_015830) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Capn15 (NM_015830) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Capn15
Synonyms:	Solh
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC223556 representing NM_015830
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCACAGTTGGGGAGTGGTCCTGTGCACGCTGCACCTTCCTGAACCCTGCCGGCCAACGCCAGTGCT
CCATCTGTGAGGCCCCCCGACATAAGCCAGATCTTGACCAGATCCTTCGTCTCAGCGTAGAGGAGCAGAA
ATGGCCCTGTGCACGCTGTACATTCCGGAACTTTTTAGGCAAAGAGGCTTGCGAAGTGTGTGGCTTTACC
CCAGAGCCTGTTCCTGGAGCCCCTCTGCTGCCCATTATCAATGGGGTCCTGCCCAAGCCACCCACCATAC
TGGTGGAGCCAAAGGGCAGCGGTAAGGAGGAAGCAGGCCCAGTGCGGACAGCAGGGCTAGTGGCCACAGA
GCCAGCCAGAGGGCGCCCTGAAGGAGAAGAAGAAAGAGAAGAAAGAGGAGAAGAAGAAGAAAAGGAGCAG
GAGGGCGAGGGGGAGAGGGCAGAGCCTGGCAGTGGCTGGGCATGCCAGCGCTGCACACTGCATAACACAC
CAGTGGCCAGCTCTTGTTCTGCCTGTGGGGGACCCCGGAAACTGTCATTGCCTCGCATCCCCCCAGAAGC
CCTGGTGGTTCCCGAGGTTGTAGCCCCTACTGGCTTTCATGTCGTTCCTGCTCCATCCCAGCCTGTCCTC
CCTGGGGAAGGTGCTGAGGCTGATTCTCCTTCTACCAGCCAGGGTCCCACCTCCACTGACCAGGAGCCAC
CCAGGGTACCACTCTTCAGCCCCTTCTCACCCACCCTACAGAACAACCCTGTACCCAGAAGCCGCCGGGA
GGTCCCCCCTCAGCTTCAGCCACCTGTGCCTGAGGCTGTTCAGTCCTCAGCCTCCACAAGCTCCAAAGGG
CCCCAGCAGGGCCCTGGAAGAGCTGCAGCTGGGGCCTCCCGCCTCGCTGAGCTACTCTCAGGCAAGGAGC
TGCTGCCAGGCAAGCGACTGAGTGTGTTGGAGGAGGAGGTCCCAGAGAGCAGCCCTGCCCGCTGTGAGTC
GTGCAGTGATGTCATTGACCTAGCTGGGGACATTGTGCGCTACACACCTGCCAGTCCCTCCAGCCCTGAC
TTCACCACCTGGTCATGTGCCAGGTGTACACTTAGGAACCCCACAACAGCCCCCAGGTGTTCAGTGTGTG
GTGGCTCCAAGCTGCATGGTTTCCAGGAGCACAGTGAACCCCCTACCCACTGCCCTGACTGTGGTGCCAA
CAAGCCTGGCCCCTGTGTTGGCTCCTGTGGACGAGCTCCCTCAGCACACAAGGCTGTCCGTCTCTTGCCC
GATCGCCCGGGTCAGTGGGCCTGCCCGGCCTGTACTCTGATCAACACACCTCGGGCCAAGCACTGTGCAG
CCTGCCATACACCACAGCTTCTGGTGACCCAGTGCCGGGGGGCTACCCCCCTGAGGCGCAGGGAGAGTAT
GCATGTGGAGAAGCGGAGGCAGACAGATGAGGGCGAGGCCAAGGCACTCTGGGAGAACATAGTGGCTTTC
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TGCAGAGAGAATAGTGTGAACTTTGTGGATGACAGCTTCCCCCCCGGGCCTGCATCTGTCGGCTTCCCAG
TGGGCGACAGCGTCCAGCAGCGAGTGAAACAGTGGCTGAGGCCCCACGAAATCAACTGCTCTGTCTTCAG
GGACCACGGCACTCCGTGGTCAGTCTTCCACACCCTGAGGCCCTCTGACATCCTACAGGGGCTGCTGGGG
AACTGCTGGTTCCTGAGTGCGTTGGCAGTACTGGCTGAACGTCCCGACCTCGTGGAGAGGGTGATGGTCA
CACGTAGCCTATGTGCAGAGGGTGCCTACCAGGTGCGGCTGTGCAAAGATGGCACGTGGACAACAGTGCT
GGTGGATGACATGCTGCCCTGTGATGAGGCTGGGTTTTTGCTCTTCTCACAGGCACAGCGGAAGCAGTTA
TGGGTGGCCCTCATTGAGAAGGCACTGGCCAAGCTGCACGGCTCCTACTTTGCCCTCCAGGCAGGGCGTG
CCATTGAAGGTCTGGCCACACTAACCGGAGCCCCCTGTGAGAGCCTGGCGCTGCAGGTCAGCTCCACTAA
CCCCCGAGAGGAGCCTGTTGACACTGATCTCATCTGGGCCAAAATGCTGAGTTCTAAAGAGGCTGGGTTC
CTCATGGGTGCGTCCTGCGGGGGAGGTAACATGAAGGTAGATGATGCTGCTTACGAGAGCCTGGGTCTGC
GCCCCCGCCATGCTTACTCTGTCTTGGATGTTCGTGATGTTCAGGGCTCCAGGCTCCTGCGACTCCGGAA
CCCATGGGGCCGTTTCTCCTGGAATGGCAGTTGGTCAGATGAGTGGCCACACTGGCCAGGGCACCTGCGA
GCTGAGCTCATGCCACACGGCAGCAGTGAGGGTGTCTTCTGGATGGAGTATAGTGACTTTATCAGGTACT
TCGACTCTGTGGACATCTGCAAGGTGCACTCAGACTGGCAAGAGGCACGGGTTCAGGGCTGTTTCCCAAG
CACTGCCGGTGGGCCTGTGGGTGTGACAGCACTCACAGTGCTGGAGCGTGCCTCACTGGAGTTTGCCCTC
TTCCAGGAGGGCAGCAGGCGCTCGGATTCAGTAGACAGCCACCTCCTGGATCTGTGCATCCTAGTGTTCC
GGGCCACTTTTGGCACTGGTGGCCGCCTGAGCCTGGGCCGCCTCTTGGCCCACAGCAAACGTGCTGTTAA
GAAGTTTGTGAACTGTGATGTCATGCTGGAGCCTGGGGAGTATGCTGTGGTATGCTGTGCCTTCAACCAC
TGGAACCCTGCTCCACCAGGGCCCCCTGCCCAGGCCTCCAGCCCCTCAGCAGGGGTCCCCCGAGGTGCCC
CCGAGCCACCCGGCCACGTACTCGCAGTGTACAGCTCCAGGCTGGTCATGGTGGAGCCGGTGGAGGCGCA
GCCAACCACACTGGCCGATGCCATCATCCTGCTCACTGAGAGCCGGGGCGAGCGGCATGAGGGTCGAGAG
GGCATGACCTGCTATTACCTGACTCATGGCTGGGCGGGACTCATCGTGGTAGTGGAGAACCGGCACCCCA
AGTCCTACCTGCATGTGCAATGTGACTGCACCGACAGCTTCAATGTGGTGTCCACACGTGGCAGCCTGCG
CACCCAGGACAGTGTACCACCCCTGCACAGGCAGGTCCTGGTGATCTTGTCTCAGCTGGAAGGCAATGCT
GGATTCTCTATCACCCATCGCCTGGCACATCGCAAGGCAGCCCAGGCCTTCCTCAGTGACTGGACAGCCT
CTAGGGGTACCCACAGCCCCCCACTCACACCTGATGTGGCCGGCCTACATGGACCCCGGCCACTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_015830

Insert Size: 3288 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

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).

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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_015830.1, NP_056645.1
RefSeq Size:	3288 bp
RefSeq ORF:	3288 bp
Locus ID:	50817
UniProt ID:	Q9JLG8
Cytogenetics:	17 A3.3

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