

Product datasheet for **RN208155**

Capn15 (NM_001106990) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Capn15 (NM_001106990) Rat 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:	>RN208155 representing NM_001106990 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACAGTTGGGAGTGGTCTGTGCGCGCTGCACCTTCCTGAATCCTGCCGGCCAACGCCAGTGCT
CCATCTGTGAGGCCCCCGACATAAGCCAGATCTTGACCAGATCCTGCGTCTCAGCGTAGAGGAGCAGAA
ATGGCCCTGTGCACGCTGTACATTCCGGAACTTTTAGGCAAAGAGGCTTGTGAAGTATGTGGCTTTACC
CCAGAGCCTGTTCCGGGAGCCCCCTCTGTGCCATTATCAATGGGGTCTGCCCAAGCCACCCACCATAC
TGGTGGAGCCAAAGGGCAACAGCAAGGAGGAAACAGGCCAGTACGGACAGCAGGGCTAGTGGCCACAGA
GCCAGCCAGAGGGCACCTGAAAAAGAAGAGGAGGAAAAGGAGCAGGAGGACGACGGGAAAGGGCAGAT
CCTGGCAGTGGCTGGGCATGCCAGCGCTGCACACTGCATAACACACCAGTGGCCAGCTCTTGTTCTGCCT
GTGGGGGGCCCCGAAACTGTCATTGCCTCGCATCCCCCAGAGGCCCTGGTGGTCCCCGAGGTTGTAGC
CCCTACTGGCTTTCATGTTGTTCTCTCCATCCACGCTGCCCTTCTGGGGAAGGTGCTGAGGCCGAG
TCTCCTTCTACCAGCCAGGTCCACCTCCACTGACCAGGAGCCACCTAGGGTACCACTCTTCAGCCCCCT
TCTACCCACCCTGCAGAATAACCCTGTACCCAGAAGCCGCCGGGAGGTGCCCTCAGCTTCAGCCACC
TGTGCCTGAGGGTGTCTAGTCTCAGCTCCACAAGCTCCAAGGGCCCCAGCAGGGCCCTGGAAGAGCT
GCAGCTGGAGCCTCCCGCTAGCTGAGCTGCTCTCAGGCAAAGAGCTGCTGCCAGGCAAGCGACTGAGTG
TATTGGAGGAGGAAGCCCCAGAGAGCAGCCCTGCCCGCTGCGAGTCATGCAGTGATGTCATTGACCTGGC
TGGAGACGTTGTGCGCTACACACCTGCCAGCCCCCTCCAGCCCTGACTTACCACCTGGTCATGTGCCAGG
TGTACACTTAGGAACCCCAACAGCCTCCAGGTGTTCACTGTGTGGTGGCTCCAAGCTGCATGGTTTCC
AGGAGCACAGTGAACCCCTACCACTGCCCGACTGTGGTGCCGACAAGCCTGGCCCTGTGTTGGCTC
CTGTGGACGAGCTCCTTCAGCACACAAGGCTGCTCGTCTCTTGCTGATCGCCCGGGCCAGTGGGCTGC
CCTGCCTGTACTCTGATCAACACACCTCGGGCCAAGCACTGTGCAGCCTGCCATACACCACGTTCTGG
TGACCCAGTGCCGGGGGGCTACCCCTGAGGCGGAGGAAAGTATGCATGTGGAGAAGCGAGGAGCAGAC
AGATGAGGGCGAGGCCAAAGCACTCTGGGAGAACATAGTGGCTTTTGCAGAGAGAATAGTGTGAACCTT



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GTGGATGACAGCTTCCCCCGGGCCTGCATCTGTCGGCTTCCCAGTGGGCGACAGCGTCCAGCAGCGAG
 TGAACAGTGGCTGCGGCCCCACGAAATCAACTGCTCTGTCTTACAGGACCACGGCACTCCGTGGTCGGT
 CTTCCACACTCTGAGGCCCTCTGACATCTACAGGGGCTGCTGGGGAAGTCTGGTTCTGAGTGCATTG
 GCAGTGTGGCTGAGCGTCCCGACCTTGTGGAGAGGGTGATGGTGACACGTAGCCTGTGTGCAGAGGGTG
 CCTACCAGGTGCGGCTGTGCAAAGACGGCACATGGACGACAGTGTGGTGGACGACATGCTGCCCTGTGA
 CGAGGCTGGGTTCTGCTCTTCTCACAGGCACAGCGGAAGCAGTTGTGGTGGCCCTCATTGAGAAGGCA
 CTGGCCAAGCTGCACGGCTCCTACTTTGCCCTCCAGGCAGGGCGTGCCATTGAAGGTCTGGCCACACTGA
 CCGGAGCCCCCTGTGAGAGCCTGGCGCTGCAGGTCAAGTCCACTAACCCCGAGAGGAACCTGTTGACAC
 TGATCTCATCTGGGCCAAAATGCTGAGTTCTAAGGAGGCTGGGTTCTCATGGGTGCCTCCTGTGGGGG
 GGTAACATGAAGGTAGATGATGCTGCTTACGAGAGCCTGGGTTTTCGCCCCCGCCATGCTTACTCCGTCT
 TGGATGTCCGTGATGTTACAGGGCTCCAGGCTCCTGCGACTCCGGAACCCATGGGGCCGTTTCTCCTGGAA
 TGGCAGCTGGTCGGATGAGTGGCCTCACTGGCCAGGGCACCTGCGAGCTGAGCTCATGCCCCATGGCAGC
 AGTGAGGGTGTCTTCTGGATGGAGTATAGTGACTTTATCAGGTACTTCGACTCTGTGGACATCTGCAAGG
 TACACTCAGATTGGCAAGAGGCTCGGGTGCAGGGCTGCTTCCCGAGCACTGCCAGCGGGCCTGTGGGTGT
 GACAGCACTCACAGTGTGGAGCGTGCCTCACTGGAGTTTGCCCTCTTCCAGGAGGGCAGCAGGCGCTCG
 GATTCACTAGACAGCCACCTCCTGGATCTGTGCATCCTAGTGTTCCGGGCCACTTTTGGCACTGGTGGCC
 GCCTGAGCCTGGGCCGCCTCTTGGCCCACAGCAACGTGCTGTTAAGAAGTTTGTGAAGTGTGATGTCAT
 GCTGGAGCCTGGGGAGTATGCTGTGGTGTGCTGTGCCTTCAACCACTGGAACCTGCTCCACCAGGGCCC
 CCTGCCAGGCCCTCCAGCCCCCTCAGCAGGGGTCCCCGAGGTGCCCCGAGCCACCCGGCCACGTAATCG
 CAGTGTACAGCTCCAGGCTGGTCATGGTGGAGCCGGTGGAGGCGCAGCCAACCACTGGCCGATGCCAT
 CATCCTGCTCACTGAGAGCCGGGGCAGCGCATGAGGGTCGAGAGGGCATGACCTGCTATTACCTGACT
 CATGGCTGGGCGGGGCTCATCGTGGTGTGAGGAGAACCGGCACCCCAAGTCTACCTGCATGTGCAATGTG
 ACTGCACCGACAGCTTCAATGTGGTGTCCACACGTGGCAGCCTGCGCACCCAGGACAGTGTACACCCCT
 GCACAGGTCCTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001106990
Insert Size:	3096 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:	<u>NM_001106990.1</u> , <u>NP_001100460.1</u>
RefSeq Size:	4815 bp

RefSeq ORF: 3096 bp

Locus ID: 303000

Cytogenetics: 10q12