

Product datasheet for **MC214436**

Casc4 (NM_177054) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Casc4 (NM_177054) Mouse Untagged Clone
Tag: Tag Free
Symbol: Casc4
Synonyms: D130060C09Rik; VGFG2573
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214436 representing NM_177054
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTGGGTTTCGGGGCCAACCGCGGGCCGCGCCCTGCCGTCCTTCGTGCTGGTGGTCTACTGGTAG
TCATCGTCGTCTTGCCTTCACTACTGGAGCATCTCTCCGCCACGTTCTGCTTCAGGAGGAGGTGGC
CGAGCTGCAGGGCCAGGTCCAGCGCACCGAGGTGGCCCGGGCGCTTGGAGAAGCGCAATTCGGACCTC
TTGCTCTTGGTGGACACGCATAAGAAGCAGATCGACCAGAAGGAGGCCGATTACGGTCGCCTCAGCAGCC
GGCTGCAGGCCAAGGAAGGCCTGGGGAAGAGATGCGAGGATGACAAGGTTAAGCTACAAAACAACATATC
ATATCAGATGGCAGACATACATCATTTAAAGGAGCAACTGGCTGAGCTTCGTGAGGATTTCTTCGACAG
GAAGATCAGCTTCAAGACTACAGGAAAAATAATACCTACCTTGTCAAGCGGCTAGAATACGAGAGTTTTT
AGTGTGGACAGCAGATCAAGGAGTTAAGAGCACAAATGAAGAAAATATTAATAAATTAGCAGATCAGTT
TTTGCAGGAACAAAAGGAGACTCATAAGATTCAATCAAATGATGGAAAAGAATTGGGTAGAAACGATCAT
GGAGCACCTAAAAATATCCAAATGTGCCTGAAAATGATGAAAATAAGAATGAAGACCCCTCAAGCAATC
ATCTTCCCATGGGAAAGAACAACCTCAAACGAGTTGGTGTGATGCAGGGATGCCTGGAGTAGAAGAGAATGA
CCTAGCAAAAGTAGACGAGCTTCTGCTGGTTCACATCTAAACCAGAATGAAAATCCAGTACTTCAAAA
CAGAACCCTTCAAATCCTCTTCAGCACATAAATCCAGGCCAAAACCTGGATCGGGAACCCAGAATTCAAA
CAGACAGTTAAAGCAGGCCACCCAGGGACAGCCAATGATTTCCACAAGTTGAAGCAAAGCCGGTCTT
TGATGAGAATGAATCCCCTGTTGATCCGCAGCATGGCTCTAAACTGGCGGATTATAATGGGGATGATGGT
AACGTAGTGAGTATGAGGCAGACAAGCAGGCTGAGCTGGCTTACAATGAGGAAGAAGATGGTATGGTG
GAGAGGAAGACGTCCAAGATGATGAAGAACGAGAGCTTCAGATGGATCCTGCAGACTATGGCAAACGCG
CTTCAGTGATGCCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_177054
Insert Size:	1209 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:	<u>NM_177054.5</u> , <u>NP_796028.2</u>
RefSeq Size:	4116 bp
RefSeq ORF:	1209 bp
Locus ID:	319996
UniProt ID:	<u>Q6P2L7</u>
Cytogenetics:	2 E5