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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC214436 representing NM_177054
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTGGGTTTCGGGGCCAACCGGCGGGCCGGCCGCCTGCCGTCCTTCGTGCTGGTGGTGCTACTGGTAG
TCATCGTCGTCCTTGCCTTCAACTACTGGAGCATCTCCTCCCGCCACGTTCTGCTTCAGGAGGAGGTGGC
CGAGCTGCAGGGCCAGGTCCAGCGCACCGAGGTGGCCCGCGGGCGCTTGGAGAAGCGCAATTCGGACCTC
TTGCTCTTGGTGGACACGCATAAGAAGCAGATCGACCAGAAGGAGGCCGATTACGGTCGCCTCAGCAGCC
GGCTGCAGGCCAAGGAAGGCCTGGGGAAGAGATGCGAGGATGACAAGGTTAAGCTACAAAACAACATATC
ATATCAGATGGCAGACATACATCATTTAAAGGAGCAACTGGCTGAGCTTCGTCAGGAGTTTCTTCGACAG
GAAGATCAGCTTCAAGACTACAGGAAAAATAATACCTACCTTGTCAAGCGGCTAGAATACGAGAGTTTTC
AGTGTGGACAGCAGATCAAGGAGTTAAGAGCACAACATGAAGAAAATATTAAAAAATTAGCAGATCAGTT
TTTGCAGGAACAAAAGGAGACTCATAAGATTCAATCAAATGATGGAAAAGAATTGGGTAGAAACGATCAT
GGAGCACCTAAAAATATTCCAAATGTGCCTGAAAATGATGCAAATAAGAATGAAGACCCCTCAAGCAATC
ATCTTCCCCATGGGAAAGAACAACTCAAACGAGTTGGTGATGCAGGGATGCCTGGAGTAGAAGAGAATGA
CCTAGCAAAAGTAGACGAGCTTCCTGCTGGTTCACATCTAAACCAGAATGAAAATCCCAGTACTTCAAAA
CAGAACCCTTCAAATCCTCTTCAGCACATAATTCCAGGCCCAAACTTGGATCGGGAACCCAGAATTCAAA
CAGACACGTTAAAGCAGGCCACCAGGGACAGAGCCAATGATTTCCACAAGTTGAAGCAAAGCCGGTTCTT
TGATGAGAATGAATCCCCTGTTGATCCGCAGCATGGCTCTAAACTGGCGGATTATAATGGGGATGATGGT
AACGTAGGTGAGTATGAGGCAGACAAGCAGGCTGAGCTGGCTTACAATGAGGAAGAAGATGGTGATGGTG
GAGAGGAAGACGTCCAAGATGATGAAGAACGAGAGCTTCAGATGGATCCTGCAGACTATGGCAAACAGCG
CTTCAGTGATGTCCTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
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:	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_177054.5, NP_796028.2
RefSeq Size:	4116 bp
RefSeq ORF:	1209 bp
Locus ID:	319996
UniProt ID:	Q6P2L7
Cytogenetics:	2 E5

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