

Product datasheet for MC227684

Casc4 (NM_001205369) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Casc4 (NM_001205369) 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: | >MC227684 representing NM_001205369 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGGTTTCGGGGCCAACCGCGGGCCGGCCGCTGCCGTCCTTCGTGCTGGTGGTACTGGTAG
TCATCGTCGTCTTGCCTTCACTACTGGAGCATCTCTCCGCCAGTTCTGCTTCAGGAGGAGGTGGC
CGAGCTGCAGGGCCAGGTCCAGCGCACCGAGGTGGCCCGGGCGCTTGGAGAAGCGCAATTCGGACCTC
TTGCTCTTGGTGGACACGCATAAGAAGCAGATCGACCAGAAGGAGGCCGATTACGGTCGCCTCAGCAGCC
GGCTGCAGGCCAAGGAAGCCTGGGGAAGAGATGCGAGGATGACAAGGTTAAGCTACAAAACAACATATC
ATATCAGATGGCAGACATACATCATTTAAAGGAGCAACTGGCTGAGCTTCGTGAGGATTTCTTCGACAG
GAAGATCAGCTTCAAGACTACAGGAAAAATAATACCTACCTTGTCAAGCGGCTAGAATACGAGAGTTTTT
AGTGTGGACAGCAGATCAAGGAGTTAAGAGCACAAATGAAGAAAAATTTAAAAAATTAGCAGATCAGTT
TTTGCAGGAACAAAAGGAGACTCATAAGATTCAATCAAATGATGGAAAAGAATTGGGTAGAAACGATCAT
GGAGCACCTAAAAATTTCCAAATGTGCCTGAAAATGATGAAAATAAGAATGAAGACCCCTCAAGCAATC
ATCTTCCCATGGGAAAGAACAACCTCAAACGAGTTGGTGTGATGCAAGGATGCCTGGAGTAGAAGAGAAAT
CCTAGCAAAAGTAGACGAGCTTCTGCTGCTTTAAAGAAGCCCTGTGTTAGCTTCTCAACATGAAAGT
CATCAGACAATCTCCATCTTCCAACTGGACAGCCTCTCTCACCAAACATGGCTCCAGGTTACATCTAA
ACCAGAATGAAAAATCCAGTACTTCAAACAGAACCCCTTCAAATCCTCTCAGCACATAATTCCAGGCC
AAACTTGGATCGGGAACCCAGAATTCAAACAGACACGTTAAAGCAGGCCACCAGGGACAGAGCCAATGAT
TTCCACAAGTTGAAGCAAAGCCGGTTCTTTGATGAGAATGAATCCCTGTTGATCCGCAGCATGGCTCTA
AACTGGCCGATTATAATGGGGATGATGGTAACGTAGGTGAGTATGAGGCAGACAAGCAGGCTGAGCTGGC
TTACAATGAGGAAGAAGATGGTGTGGTGGAGAGGAAGACGTCCAAGATGATGAAGAACGAGAGCTTCAG
ATGGATCTGCAGACTATGGCAAACAGCGCTTCAGTGATGTCCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001205369 |
| Insert Size: | 1308 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). |
| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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_001205369.1</u> , <u>NP_001192298.1</u> |
| RefSeq Size: | 4215 bp |
| RefSeq ORF: | 1308 bp |
| Locus ID: | 319996 |
| UniProt ID: | <u>Q6P2L7</u> |
| Cytogenetics: | 2 E5 |