

Product datasheet for MC217868

Cas1 (BC035954) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cas1 (BC035954) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cas1
Synonyms:	2410019P08Rik; AV096627; BC040081; Cst; D4Ertd432e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC217868 representing BC035954 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACTATACAGGCTGTAGCCCTGGAGCGGCGTCTCAGAGTCTCCACCATGGACCGTAGCTGTTCCA
GCACCCCTGTGGCAATGAGAGCACAGCTGCAGGGAACACCATCTCCATGCCGACAGCCTCGGGGCCAA
AAAGCGCTTTTGGATCATCGAGGACATGTCTCCCTTTGGCAAGCGAAGGAAGACAGCCTCGTCTCGGAAG
ATGCTGGACGAGGGCATGATGCTGGAGGGTTCCGGCGCTTTGACCTCTATGAGGACTGCAAGGATACAG
CCTGCCAGTTCTCACTCAAGGTCACCCACTACCACTGCACGCGGGAAAACCTGCGGCTACAAGTTTTCGGG
ACGCACGCACATGTACAAGCACGCACAGCACACCAGCCGCTGGACAACCTGGTGTCTGGACGACTTCAAG
CGCTTCAAGGCCTCCCTCAGCTGCCACTTCGCCGACTGCCCGTTCTCGGGCACCAGCACGCACTTCCACT
GCCTGCGCTGCCGCTCCGTTGCACAGACAGCACCAAGGTCACCTGCGCACCGCAAGCACCACGGCAAGCA
GGACGTGATCAGCGCCGCTGGCTTCTGCCAGTTCAGCTCGAGCGCCGACTGCGCAGTGCCCGACTGCAAG
TACAAGCTCAAGTGCTCGCACTTCCACTGCACCTATCCGGGCTGTCGCCACACAGTGGTGGGCATGTCGC
AGATGGACTCGACAAGCGCAAGCACGAGAAGCAGGAGCGAGGGGAGCCTCCCGCAGCCTCTCCGGGTGC
GCCTGTCAACCTGGACGGCTCCCTCAGCTGCGCCGAGCAGGGCTCGCTGCTTCTCGACAGACAGCG
GCTGCGGGCCTAGGCCTGCTCGGGGACACGCGGGGACCCCGGCCACCTGTCAACCGCTCCGGGACTCGGG
ACGGCCCCGCTGCGCCCACCCCGCTGCCGCCGCCACCACCACCACCACCACAGCCACAGCCACAGC
CACCGCTGGGAGTCTCCCAAGAGGACGACGAGGAGCTGGAGCTGCCGGAGGAGGAGCCGAGGACGAC
GACGAGGATGACGATGAAGAGGACGACGACGACGAGGATGATGATGATGATGACGACGACGAGGACCTGC
GCACCGACTCGGAGGAGTCGTTGCCGAGGCTGCGGGCGAGGCGGGCGCGCGGACCCCGCTGGCAGCCCT
GGTGCCCCGGCCCTGCGCCCACCGCCGATCACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	BC035954
Insert Size:	1230 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:	BC035954.1
RefSeq Size:	2091 bp
RefSeq ORF:	1229 bp
Locus ID:	69743
Cytogenetics:	4 78.87 cM
Gene Summary:	Transcription factor involved in vascular assembly and morphogenesis through direct transcriptional regulation of EGFL7.[UniProtKB/Swiss-Prot Function]