

Product datasheet for MC211120

Cabs1 (NM_027631) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cabs1 (NM_027631) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cabs1
Synonyms: 4931407G18Rik; AI428159; Clph
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211120 representing NM_027631
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCTGAAGATGGATCGCCAAAATTTATTCTCGACCTCCAAGAGACAACAGTAAACACCAACGGAAG
 CAGACATTTTCTTTGGGCTGACAACACCATTCTAAATCAGAAACAATTACCTCGGAAGGAGACCA
 CGTTACTTCAGTAAATGACTGCACACCGGATGGTGATTTTCAACTACAGTCAACAAGCTCACACCTACA
 AAGGAAAACTCAAATTAGAAGTGATATTGAAGGCTGTCTGAAATTAACAACCTTCCAGAGAAAGAAA
 TTACCCTCCAACCTGAACTCCAACCTCCAACCTAAGGGGTCAATTACTGAAAATTTTCATTCCAGTGAA
 AATTGGAAATACCTCATCCCCAGTTGGTACTGTTTCTTAATAGATTTTTCCAGTAACACGGCAAAAGAA
 GATATCTTCTTAACCACCATTGACACAGGAGAAAAAGAAGTCGTACCCACTACTGAGTTCTCTGGCACAC
 TAGAGGACAGTGCTGCTGATGTGGAGGATGCCTCTGGATTTCCAGATGAAAGCACTGAACTGATGTTCC
 TTCCTCTGCCACCTCAGATGCTCCTGATGATGGAGCTGTTTCAGGTCAGTACTCCTTTAGTCTGAGGCT
 GGAGTCCCCCTCAACTGAAAAGGAGGTCACCACCATTCCAGACATAACCAACATTGCAGAAGAGAATG
 TAACTGAGATCAAATTGATTGTTTCAGAAGATAGGCCAAAACCTGTGACTAACTAAGTACTCCGAAG
 AGAAAAATTTACTACTGTTTTTGAACCTCACTAACTCGGCTGAAAAAGCCAAAGATAATGTGGAAGATCCT
 TTAATGATGAGGAATCGACTGATGGAGCTAATGATTGGATGAAAAAGAACTGCAAGTGAAGGAGAGT
 CCCATGCTGTTCTGCTCACTGCTGTGGAATCGAGGTATGACTTTATTGTCAGTGCCTCAGAACTGACAA
 CGTCATGGAGGAATCACATGTGAACACCACAGATTTGCCTGAAAACGAGACAACAGAGTCTGCTACTAAT
 GTCACAGAGGAGCTTCTTCAGTGACCTCTATAGTAGATACCCTTAAGGACAAGGAGGACTTATCTACCA
 CCAACTCCGGTCTCTTCAAACCTGCTGAAAGAAGAACCAGACGATCTCATGATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_027631
Insert Size:	1176 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_027631.2</u> , <u>NP_081907.1</u>
RefSeq Size:	1520 bp
RefSeq ORF:	1176 bp
Locus ID:	70977
UniProt ID:	<u>Q8C633</u>
Cytogenetics:	5 E1
Gene Summary:	Calcium-binding protein (PubMed:19208547). Essential for maintaining the structural integrity of the sperm flagella (PubMed:33440775).[UniProtKB/Swiss-Prot Function]