

Product datasheet for **MC216571**

Cables2 (NM_145851) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cables2 (NM_145851) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cables2
Synonyms:	ik3-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216571 representing NM_145851
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCCGCGGCTGCGGCGGGAGGAGCCCCGGGTCCGGCCCCGGCCCCCTCCAGGCCGCGCGGCCGCC
 GGAACCCGCGCGCTGCCGCGGAGCGCGGGGACTCCCGCGCGCGTCAGGCCGCCCTCTCTTTCTCAA
 CAACATCTCCCTGGACGGACGGCCCCGAGCCTGGGTCCCGGAGGCGAGAAGCCAGCGCCGCCGCCCA
 CCGCCACCGAGGCCGCGAGGCGCCGCGCGCGCGCTCCACCTGGAGGCTCCCGGGGCTGCCAG
 CCAGGCCCGCGCCAGGGCCTGCTCAGCCCCACGACGGCGCCCGCGCCTTGCCCTGGACGGGACGG
 CCAAAGGAGACGAGTCACATCTCAGCGCTGTTCCCTTGAGTTTCTGGAAGACACAGTGGGATGTGCCTCG
 GTGCAGAGAACCAAGCATGCATCTGGATCACCAGACACAAGGCCTGAAGAAAACCACTTCATCAAGA
 ACATGAGGCAGTATGACACAAAGACAGCAGGATTGTAATCATCTGTGCCAAGCGGTCCCTGTGTGCGGC
 CTTCTCAGTCCTGCCCTATGGAGAAGGCCTACGGATCAGTGACCTGAGGGTGGACAGCCAGAAGCAGAGG
 CACCCATCCGGCGCGCTTCTGTTTCTTCTGAGATGGTCTTTGAATTGGAAGGCGTTGAGCTGGGAGCAG
 ATGGAAGGTCTGTCTTATGCAAAGTTCCTGTACCCTACTAATGCTCTGGTTATACACAAGAATGACAG
 CCATGGCTTGCTGCCCCAGCCTCGGCCAGCATCCCCAGGGCTCCACCAGGTTCAAGACACAACCTGTG
 CCTACCAAGTCAACACCAGCTGGCACAGAACTAGGAAGCGACGGGGGAGATGCAGTGGAATACAATCCCA
 ACCTCTGGACGACCCACAGTGGCCGTGTGAAAAACATAAGCGTGTACTCATCTTTGCTTCATACATGAC
 CACCGTTATAGAGTATGTGAACTGCAGACCTCAAGAAGGATATGAATGAGACCTTCAGGAAAAAGTTC
 CCTCATATCAAACTGACATTGAGCAAAATTAGGAGTTTAAACGGGAGATGCGGAACCTTTCTGAAGAGT
 GCAGCTTGGAGCCTGTGACCGTGTCCATGGCATATGTGTACTTTGAGAAGCTCGTACTGCAGGGCAAGCT
 CAACAAACAGAACCGCAAACTGTGTGCTGGAGCCTGTGTTCTGTTGGCTGCCAAGATCAGCAGTGACCTC
 CGCAAGAGTGAAGTGAAGCAGCTTATTGACAAGCTGGAGGAAAGGTTCCGGTTCAACAGGAAAGACCTCA
 TTGGCTTTGAGTTCACGGTGCTCGTGGCTTTGAACTGGCCCTGTACCTCCAGAGAACCAAGTGTACCT
 TCACTACAGACGCTCACCCAGCAGTT**C**AG**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_145851
- Insert Size:** 1431 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_145851.2 , NP_665850.2
RefSeq Size:	2945 bp
RefSeq ORF:	1431 bp
Locus ID:	252966
UniProt ID:	Q8K3M5
Cytogenetics:	2 H4
Gene Summary:	Unknown. Probably involved in G1-S cell cycle transition.[UniProtKB/Swiss-Prot Function]