

Product datasheet for MC227634

Cep5711 (NM_001243074) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cep5711 (NM_001243074) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cep5711
Synonyms: 2410017P07Rik; 4930484D11Rik; A1607327; cep57R
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227634 representing NM_001243074
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCACCGGACACTTGTCTTTGCCCGGAACCAACGGTCTGGAGGCCGTGGTAACTGGGAGCGTCC
ATCTGACAATGGATTCTGAATTACACAGAGTATGGTTGGGAGCTATCTTAACCCCTCCAGAAAGAATGCA
TCTTCCATCATTACGCAAAATGAAGCATTTCAGAATTGCCACCCTGGGACCCCTCTAAATGTTAAT
AGTCCAAACAACCAAGCACTTGTTCAGCATTAAAACTCTCCAGGAAAAGATTGTCGTCCTCGAGCTGG
AGAGGACACAGGCTGAAGACAACCTGAACCTTCTGTCCAGAGAAGCAGCGCAGTATAAGAAGGCCCTAGA
GGAGGAGACCAACGAGAGGAACCTCGCACACCAGGAGCTGATTAACAAAAGAAAGATATAAGCATAACA
TTAAGCTCAGCCAGTCTCGTTGTATTCTTCTAGAGAAGCAATTGGAATATACAAAAAGAATGGTTCTCA
ATGTAGAACGAGAAAAGACTATGATCCTAGAACAACAGGCCAGCTTCAAAGGAAAAAGAACAAGATCA
GATGAAGCTGCACGCTAACTTGAAGCTCCATGTCTAGAGAAAGAGTGTCTGAGACTGACGGCGACT
CGGCAGACTGCGGAGGACAAGATTAATGTCTAGAAGAAAACTGAAGGAGGAGGAGCATCAGCGCAGGC
TGTTTCAAGACAGAGCCTGTGAGAAAATAACTGCTTAAACGAGAGCCGCTCAGCAAAGGACCACAA
GTTTAGAACCAACTTTTGGAGAAAAGAAGCCTTTCAGAACAACCTCCAGGCTAGAGCTAACCCCTCAG
AGCTCAGGAGAGCCGTTTCCATTTGTGACAGTTTGTCTGAACTCTTGATGACAATGGAAGAGGAGCTGG
ACCAAATGAATATGGAGCACAGAGAGCTCCTGAGACAGATGATGCAGCCTGGGAACCACTCGGTCTCTGA
GGACATAGAGCAGGAGCTGGAGCAGTTAGCCAAGAAGATGGAAGCAAAGGTGACCAGATCTCCAAGCTC
AAGAAGCATCAAGACAGTGTCCGTAACATGCAGGAAAAAATTGAGAACTCAAGGATAAATGAATCTTCAG
GTATCCATGGCAACCCTAAAGGATCTAAGAACTTAAAAACAGCCCCGAAATGTGTGAGTGAAACCGAG
CTCTTTTCAGAGACAGAGGCTTCAACCAGTGCAGGTCACAGCCTGCAGTGAAGCTGAGGCGCGAT
GACATCAAGTGGGAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001243074
Insert Size:	1281 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_001243074.1</u> , <u>NP_001230003.1</u>
RefSeq Size:	2233 bp
RefSeq ORF:	1281 bp
Locus ID:	103268
UniProt ID:	<u>Q8VDS7</u>
Cytogenetics:	10 B2
Gene Summary:	<p>Centrosomal protein which may be required for microtubule attachment to centrosomes. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and contains multiple differences in the coding region, compared to variant 1. It initiates translation at an alternate upstream start codon. The encoded isoform (3) has a distinct N-terminus and is shorter than isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>