

Product datasheet for **MC217024**

Cep57 (NM_026665) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep57 (NM_026665) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cep57
Synonyms:	3110002L15Rik; 4921510P06Rik; 4931428M20Rik; AI467480; mKIAA0092; Tsp57
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217024 representing NM_026665
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCAGCCTCGGTCTCGGCGGCTTCTGATTCTCAGTTTTCGAGCGTCTAGCTGAACCATCAAGGT
 CTAATGGAAATATGGTTGTCATTCTTCGCTCCATATGTATTGTATCCACCTGATAAGCCTTTCCTTAA
 CAGTGATCTGAGACGCTCCCAAATAAGCCACATTTGCCTATCCGAAAAGCAACAGCAGAGCCATATTT
 TCTGCTCTTAAGAATCTTCAAGATAAGATTGACGCGCTGAACTGGAAAGGATTCAGGCAGAAGAAAGTG
 TGAACCTTGTCTAGGGAAACATTGAGTACAAGAAAGTATTGGATGAACAGATCCAAGAGAGGGAGAA
 CTCAAAGAATGAAGAATCAAAGCACAATCAAGAACTGGCATCCAGTTGGTAGCTGCAGAAAATAAATGT
 AATCTTCTAGAAAACAATTGGAATACATGCGAAATATGATAAAGCATGCAGAAATGGAGAGGACATCTG
 TGTTAGAAAAGCAGGTTTCTCTAGAAAGAGAACGGCAGCATGATCAAACCCATGTTCCAGGCCAGCTGGA
 AAACTGGATCTTCTTGAACAGGAATACAACAACTCACCGCCATGCAGGCCCTTGCAGAAAAAAGATG
 CAGGAGTTGGAGTCCAACTCCGTGAAGAAGAGCAGGAAAGGAAGCGGATGCAGGCCCGGGCAGCAGAGT
 TACAGAGTGGTCTAGAAGCAAATAGACTTATTTTTGAAGATAAGACTACTTCATGTGTTTCAACCAGCAC
 TAGAAAAATAAAAAAAGAAAGTCAAAACCACCAGAAAAGAAAGTTCTAGGACCTATTTTGGTGCACAG
 CCACATTACAGATTGTGCTTAGGTGATATGCCTTTTGTGCTGGAACGTCCACCAGTCCCAGCCATGCCG
 TGGTAGCCAATGTTCCAGCATGTCTTGCATCTGATGAAACACCACAGTAAAGCCCTGTGCAATGATCGAGT
 TGTTAACAGTGTCCCTTGGCAAAGCAAGCTTGCCTCACGAGTTAGTAAGAGTAAGAAGTCAGTGGTGCT
 CCTTCCAGCAGTGTTAATGAAGAACTTTCGGATGTCTTGCAGACTTTACAGGATGAATTTGGCAAATGA
 GCTTTGATCATCAGCAGCTTAACTAACTACAGGAATCACCAACTGTGGAATAAAGACAACCTGGA
 GTGTGAATTGGAGGCATTAGTGGGAAGAATGGAAGCGAAGGCCAATCAGATAACTAAAGTTCGAAAATAC
 CAAGCCCAGCTGGAGAAAACAAACATAGATAAGCAGAAGGAATTAAGGCTAACAAAAAGACTCTTG
 ATGAAGAAGGGAACAGCAGCGGTCGTTCACTGGAGTCCCAAGGACCGCAAGTAAGAAGGATCTGGCCAA
 ACAGAGACCTGGAGAAAAAGCAGGAAAAATCTTCAGTTACTGAAGGACATGCAGACCATACAGAATTCA
 CTGCAGAGCAGTAATCTGTGTTGGGATTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_026665

Insert Size: 1503 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.

RefSeq: [NM_026665.4](#), [NP_080941.3](#)

RefSeq Size: 2529 bp

RefSeq ORF: 1503 bp

Locus ID: 74360

UniProt ID: [Q8CEE0](#)

Cytogenetics: 9 A1

Gene Summary: Centrosomal protein which may be required for microtubule attachment to centrosomes. May act by forming ring-like structures around microtubules. Mediates nuclear translocation and mitogenic activity of the internalized growth factor FGF2.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1).