

Product datasheet for **MC218472**

Cep57 (BC050785) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cep57 (BC050785) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cep57
Synonyms: Tsp57, mKIAA0092
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC050785
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATAAAGCATGCAGAAATGGAGAGGACATCTGTGTTAGAAAAGCAGGTTTCTCTAGAAAGAGAACGGC
AGCATGATCAAACCCATGTTTCAGAGCCAGCTGGAAAACTGGATCTTCTGAACAGGAATACAACAACT
CACCGCCATGCAGGCCCTTGCAGAAAAAAGATGCAGGAGTTGGAGTCCAACTCCGTGAAGAAGAGCAG
GAAAGGAAGCGGATGCAGGCCCGGCAGCAGAGTTACAGAGTGGTCTAGAAGCAAATAGACTTATTTTTG
AAGATAAGACTACTTCATGTGTTCAACCAGCACTAGAAAAATAAAAAAAGAAGTCAAAACCACCAGA
AAAGAAAGGTTCTAGGACCTATTTTGGTGCACAGCCACATTACAGATTGTGCTTAGGTGATATGCCTTTT
GTTGCTGGAACGTCCACCAGTCCAGCCATGCCGTGGTAGCCAATGTTTCAGCATGTCTTGATCTGATGA
AACACCACAGTAAAGCCCTGTGCAATGATCGAGTTGTTAACAGTGTCCCTTGGCAAAGCAAGCTTGCTC
ACGAGTTAGTAAGAGTAAGAAGTCAGTGGTGCCTCCTCCAGCAGTGTTAATGAAGAACTTTCCGGATGTC
TTGCAGACTTTACAGGATGAATTTGGGCAATGAGCTTTGATCATCAGCAGCTTACTAACTCATAACAG
AATCACCAACTGTGGAATAAAAGACAACCTGGAGTGTGAATGGAGGCATTAGTGGGAAGAAATGGAAGC
GAAGGCCAATCAGATAACTAAAGTTCGAAAATACCAAGCCAGCTGGAGAAACAAAACATAGATAAGCAG
AAGAAGGAATTAAGGCTAACAAAAAGACTCTTGATGAAGAAGGGAACAGCAGCGGTCGTTTCATCTGGAG
TCCCAAGGACCGCAAGTAAGAAGGATCTGGCCAAACAGAGACCTGGAGAAAAAGCAGGAAAAATCTTCA
GTTACTGAAGGACATGCAGACCATACAGAATTCAGTGCAGAGCAGTAATCTGTGTTGGGATTACTGA

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC050785



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Insert Size:	1047 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:	BC050785 , AAH50785
RefSeq Size:	1676 bp
RefSeq ORF:	1046 bp
Locus ID:	74360
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]