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Product datasheet for MC212084

Sept10 (NM_001024911) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sept10 (NM_001024911) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sept10
Synonyms:	4921515A04Rik; 9430099J10Rik; AA408298; AI874685
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC212084 representing NM_001024911
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTCATGCGACGAGATAAAAGAGCATCCCCGCTCCTTGTCTATGTGTGGCCATGTTGGTTTTGAAA
GCTTACCTGATCAGCTGGTCGATAGATCCATTGAGCAAGGCTTCTGTTTCAATATTCTCTGTGTGGGGGA
GACTGGAATTGGAAAATCAACACTGATTAACACATTGTTTAATACTAATTTTGAAGAACTCGAATCCTCA
CATTTTTGTCCATGTGTTAGACTTAGAGCTCAGACATATGAACTCCAGGAAAGCAATGTTCGCTTGAAAC
TGACCATTGTAAATACAGTGGGCTTTGGTGACCAAATCAATAAAGAAGACAGCTATCAACCAATAGTTGA
TTACATAGATGATCAATTTGAGGCCTATCTTCAGGAAGAACTGAAGATCAAGCGTGCTCTTTTTAACTAC
CATGACTCTCGTATCCATGTGTGCCTCTACTTCATTGCTCCGACAGGCCATTCTCTAAGGACACTTGACC
TCTTAACCATGAAGAGCCTGGACAACAAGGTGAACATTATACCACTTATTGCCAAGGCAGATACAATTTC
TAAGAGTGAATTACAGAAGTTTAAGATGAAGCTCATGAATGAACTGGTCATCAATGGTGTTCAGATATAT
CAGTTTCCAACAGATGATGACACGACCTCCAAGATCAATGGAGCAATGAACGGCCATTTGCCATTTGCTG
TTGTTGGAAGTATGGATGAGATAAAAGTTGGAAATAAGATGGTGAAGGGTCGTCAGTATCCTTGGGGTAT
CGTACAAGTGGAAAATGAAAATCACTGTGACTTTGTAAAGCTACGGGAAATGCTTATTTGCACAAACATG
GAGGATCTACGGGAGCAGACACATATGAGGCACTATGAGCTGTACAGGCGCTGCAAACTGCAGGAGATGG
GCTTTGTAGATATGGGCCCAGAGAACAAGCCCCTCAGTCTTCAAGAGACGTATGAAGCCAAAAGACACGA
GTTCTATGGTGAGCGTCAGAGGAAGGAAGAGCAGATGAAGCAGATGTTTGTGCAGCGGGTCAAGGAGAAA
GAAGCCATTCTGAAGGAAGCGGAAAGAGAGCTTCAGGCCAAATTTGAGCACCTCAAAAGAATTCATCAGG
AAGAGAGAATGAAACTTGAAGAAAAGAGAAGAATGTTGGAGGAAGAATCGGTTGCTTTTGCTAAGAAGAA
AGCTACCTGTGAGCTGTTCCCGAACCAGTCATTTTTGGCGTCAGGTAGCAGCATTAGGAAGGACAAAGAC
CGAAAGAACTCCAATTTTATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024911

Insert Size: 1284 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_001024911.2, NP_001020082.1

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RefSeq Size:	2549 bp
RefSeq ORF:	1284 bp
Locus ID:	103080
UniProt ID:	Q8C650
Cytogenetics:	10 B4
Gene Summary:	Filament-forming cytoskeletal GTPase (By similarity). May play a role in cytokinesis (Potential). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses a different segment for its 3' coding region and 3' UTR, compared to variant 1. The resulting protein (isoform 2) has a shorter and distinct C-terminus when it is compared to isoform 1.

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