

Product datasheet for **MC209272**

Rab20 (NM_011227) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab20 (NM_011227) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rab20
Synonyms: AA536966; D8Ertd350e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209272 representing NM_011227
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCGGAAGCCGGATGGGAAGATCGTACTGCTGGGGACATGAACGTGGGTA AACGTGCTGCTGCAGC
GCTACATGGAGCGTCGCTTCCCGACACGGTCAGCACCGTGGCGGCCTTCTACCTGAAGCAGTGGCG
TTCCTTCAACATCTCCATATGGGACACCGCAGGGCGGGAGCAGTTTCATGGTCTGGGCTCCCTGTACTGC
CGCGGAGCGGCCCTATCATCTTACATACGATGTGAACCACCCACAGAGCCTGTTTGAGCTGGAGGACA
GATTCCTGGGCCCTGACAGAAACAGCCAACAATGACTGCCTGTTTGCCATTGTGGGAACAAAGTGGACCT
GACCTCGGAGCGGGACACCGAGGGCGGGAGAAGGAAGGACCGGCCTCTGGCAAGGTGGGCAGCTGTGTC
TCCACCAAGGTACCCAAGCAGGTGCAGCCAGAGGATGCAGTGGCCCTTTACAAGAAGATCCTGAAGTACA
AGATGCTGGATGAGAGGGAGATGCCAGCTGCTGAGCAGATGTGCTTCGAGACCAGTGCCAAGACTGGATA
CAATGTGGACCTCCTCTTTGAAACCTTGTGGACCTGGTGGTACCTATGATCATGCGGCAGAGGGCTGAG
GAGTCAGATCAGACTGTGGATATAGCCAGCTGCAAAACACCCAACAGACTAGATCCGGGTGTTGTGCC
AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011227
Insert Size: 702 bp



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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:	NM_011227.1 , NP_035357.1
RefSeq Size:	722 bp
RefSeq ORF:	702 bp
Locus ID:	19332
UniProt ID:	P35295
Cytogenetics:	8 5.73 cM
Gene Summary:	Plays a role in apical endocytosis/recycling. Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as S.aureus and Mycobacterium. Plays a role in the fusion of phagosomes with lysosomes (By similarity).[UniProtKB/Swiss-Prot Function]