

## Product datasheet for MC209339

### Rras (NM\_009101) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rras (NM_009101) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rras
Synonyms:	A1573426
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209339 representing NM_009101 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCAGCGGGCGGCGTCCGGGACTGGGCGGGGGCGGCCCGGGGGCGGGGGCCGGGACCCAGGGACC  
CCCCGCCCGGCGAGACTCACAAGCTGGTGGTCGTAGGCGGCGGCGGCGTGGGCAAGAGCGCGTGACCAT  
CCAGTTCATCCAGTCCTACTTTGTGTCTGACTATGATCCCACCATTGAAGATTCCTACACAAAGATCTGC  
ACTGTGGACGGCATCCCTGCACGGCTGGACATCCTGGACTGCGGGCAAGAGGAATTTGGTGCCATGC  
GGGAGCAGTACATGCGTGTGGCAACGGCTTCTGCTGGTGTGGCCATTAAACGACAGGCAGAGTTCAA  
TGAGGTGGCAAGCTCTTACACAGATCCTCAGAGTCAAGGACCGGGATGATTTCCCATTTGTTGGTT  
GGGAACAAGGCAGATCTGGAGAACCAGCGCCAGGTCCTCCGGTCTGAAGCCTCCTTTTCAGTGCTCCC  
ACCACATGACTTACTTTGAGGCCTCAGCCAAACTGCGTCTGAATGTGATGAGGCATTTGAGCAGCTGGT  
GCGCGTGTCCGGAAATACCAGGAACAAGAACTCCCTCCTAGCCACCTAGTGCTCCAGGAAGAAGGAT  
GGAGGATGTCCCTGTGCTCCTGCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_009101
Insert Size:	657 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_009101.2</a></u> , <u><a href="#">NP_033127.1</a></u>
<b>RefSeq Size:</b>	946 bp
<b>RefSeq ORF:</b>	657 bp
<b>Locus ID:</b>	20130
<b>UniProt ID:</b>	<u><a href="#">P10833</a></u>
<b>Cytogenetics:</b>	7 29.08 cM
<b>Gene Summary:</b>	Regulates the organization of the actin cytoskeleton. With OSPBL3, modulates integrin beta-1 (ITGB1) activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).