

Product datasheet for **MC204788**

Grp2 (NM_010815) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grp2 (NM_010815) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Grp2
Synonyms:	Gads; GRAP-2; GRB2L; GRBLG; GrbX; Grf40; GRID; GrpL; Mona; P38
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC052496 GGCACGAGGCAGAAACCAGCACAAGGCAGACCTGTAGGCTGAGGCGGCGGTAAACTTGACATTTGAAT GCATCTTCCCCTGGCAAAGGCAATTCTAATAACTCGTTGTCAAAGCCGAGATACACGCTCAACTCAAC CTTTCCGGTCCCAAAGCTTCTCGTCAAGACATGGAAGCCACTGCCAAGTTTGATTTTCATGGCCTCAGGT GAGGACGAACTGAGCTTTCGCACTGGAGACATTCTGAAGATACTAAGCAACCAGGAGGAGTGGCTCAAGG CGGAGCTCGGAAGCCAAGAAGGATATGTGCCTAAGAATTTATAGATATCGAGTTTCTGAGTGGTTCCA TGAAGGCTCTCTCGACATCAAGCAGAAAATTACTCATGGGCAAGGACATTGGATTCTTCATCATCAGG GCCAGCCAGAGTCCCCAGGAGACTTCTCCATCTGTGACGACGAGGACGACGTTTCAGCACTTCAAAG TCATGCGTGACACCAAGGGCAATTACTTCTGTGGACGAGAAGTTCCCATCCTAAATAAGCTGGTGA CTACTACCGACAACGTCCATCTCCAAACAGAAGCAGGTCTTCTTCCGGATGGAACCAAGATCAGGGT CACCGGGCAACAGCCTGGACAGGAGTCCCAGGGCGGCCCTCACCCGAGTGGAACCGTAGGAGAAGAAA TCCGACCTTCAAGTGAACCGAAGCTGTCAGACCCTTCTCTGGTCCCGAGCAGTTCCACCCGACCA GCAGCCGTCAACCCAGTTACACCAAGGGCCGAGCCCCCTCAACAGCAGCGTTATCTGCAGCATTTCCAC CAGGACCGTCTGGGGGAGCCTGGACATAAACGATGGACTGCGGCCTTGAAGTGAAGTGAACGCCA CGCTGATGACCCGGAGACACACCACCCGTACAACCTCCAGGCAGCAGGGCGGGTGGCTTGGGCCAGGGC ACTGTATGACTTTGAGGCTCTGGAAGAGGACGAGCTGGGATCCGAAGCGGAGAAGTGGTGAAGTCTGT GACAGTCCAACCCATCTGGTGGACCGGCCGTGTCACAACAACTGGGTCTTCCCTGCCAACTATG TGGCCCCATGATGCGATGAGTCGTAAGGCTTATAATGACACATACATGCATACATGTGCATGTGCCCCGA GTACACAAAACCATGTATATGTATGCCGATGAGCTACACACGACAAAAA
Restriction Sites:	EcoRI-NotI
ACCN:	NM_010815
Insert Size:	969 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:	BC052496 , AAH52496
RefSeq Size:	1320 bp
RefSeq ORF:	969 bp
Locus ID:	17444
UniProt ID:	O89100
Cytogenetics:	15 E1
Gene Summary:	<p>Interacts with SLP-76 to regulate NF-AT activation. Binds to tyrosine-phosphorylated shc. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer variant. Variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>