

Product datasheet for MC202203

Chac2 (NM_026527) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chac2 (NM_026527) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chac2
Synonyms:	2510006C20Rik; RP23-20N14.6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC025100 sequence for NM_026527
 CTGAAGTCCGAGTGCCGGTCAGGGTCCAGAAAGATGTGGGTGTTGGTTATGGGTCCTCATCTGGAAGG
 TGGACTTCCCCTACCAGGACAAGCTGGTTGGTTACATCACAAACTACAGTCGGCGCTTCTGGCAAGGTAG
 CACGGACCACCGCGGGTCCCAGGCAAGCCTGGAAGAGTTGTGACCCCTGTTGAAGATCCTGGGGCAGT
 GTATGGGGTGTGCTTACAACTACCAGTAGGAAAAGAAGAGGAAGTAAAAACATACCTTGACTTCAGAG
 AGAAAGGAGGCTACAGAACTACGACAGTCATTTTTATCCAAAAGATTCCACAACAAAACCATTCAGTGT
 TTTGCTTACATTGGAACATATGATAATCCTAACTATCTTGGCCCTGCACCTCTGGAAGATATTGCTGAA
 CAAATTTTAAATGCAGCTGGTCCAAGTGAAGAAATACAGAATATCTTTTGAAGTTGCAGATTCTGTTA
 GGAACTTGTACCAGAAGATGCAGACGAGCATCTTCTCTTTGGAAAAATTAGTAAAGGAACGCTTAGA
 AGGAAAATAGAACTGATTTGCATACAGAGTCACCAACGCACCCAAAGAGGCAAGAGTTTGTCTTCAG
 AAAATAACATCAGTACAGAACATCACTATGTTTTAGACATTCTTCTTGAAGATCTTACTATTTAATATT
 GTAATTGGAATATCATCTAGATTTACGATGTCTTTGCAAGTGTCTTGAACATATCCAACAGATTCTCAC
 AATGGGAAAAGAGTTCACGTTGTAAGGATGATTTCTAGTTATACTTCATTTCAACATTTGTTTCATTAGAA
 ATGCAGGTCTCAATTAATTCCTGTTTCTATTAGAATAACCATGGTTTGTGTACGTAAGTTAAAAATA
 TGTTATTAGAAATATAGAAGAGGTAAGGTTACAGCACTGATTGTTAATATCCTTGTATTGGAATTA
 TGAACCTAAAATTTAGACAAAAGAAATGTACTTTTCTTTAATGTAATTTATCCCTTTGGGATTATA
 TATGCTTTCTATTCCTTTGGGTTAAGAAGGATTTTATAACCAAGAAAACATACATAGAGCTATCCATATA
 TAAAACCACTATGATAATCATATTTACTTTGTATTTATTTTATAATGAACTTTAAAAATAAAGATAGGT
 TTTCTGGTGGAACATAATAAAAATTGTGTTTAAACAGATTTTACAATTATAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_026527
Insert Size:	537 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:	<u>BC025100</u> , <u>AAH25100</u>
RefSeq Size:	1258 bp
RefSeq ORF:	537 bp
Locus ID:	68044
UniProt ID:	<u>Q9CQG1</u>
Cytogenetics:	11 A4
Gene Summary:	Catalyzes the cleavage of glutathione into 5-oxo-L-proline and a Cys-Gly dipeptide (PubMed:27913623). Acts specifically on glutathione, but not on other gamma-glutamyl peptides (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).