

Product datasheet for **RN203837**

Gorasp1 (NM_019385) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gorasp1 (NM_019385) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gorasp1
Synonyms:	GRASP65
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203837 representing NM_019385
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCTAGGGGCAAGCAGCGAGCAGCCGGCGGGCGGAGGGCTTCCATCTGCACGGGTACAAGAGA
 ACTCGCCAGCCCAGCAGGCGGGCCTGGAGCCCTACTTTGACTTCATCATCACCATCGGGCACTCAAGGCT
 GAACAAGGAGAATGACACGCTGAAGGCACTGCTGAAGGCTAATGTGGAGAAGCCGGTGAAGCTGGAGGTG
 TTCAACATGAAGACCATGAGGGTGCAGAGGTGGAGGTGGTCCAGCAACATGTGGGGCGCCAGGGCC
 TGCTGGGAGCTAGCGTGCCTTCTGCAGCTTCCGACGGGCCAGCAGCACGTGTGGCATGTGCTGGATGT
 GGAGCCCTCTTACCCGCTGCCTTGGCCGGCCTGCGCCCTACACAGACTACATTGTTGGCTCTGACCAG
 ATCCTCCAGGAGTCGGAAGACTTCTTCACTCTCATTGAGTCCCATGAGGGAAAGCCCTGAAGCTGATGG
 TTTATAACTCTGAATCCGACTCCTGCCGGGAGGTGACTGTGACCCCAATGCAGCCTGGGGTGGAGAGGG
 CAGTCTGGGGTGTGGTATTGGTTACGGGTACCTGCACCGGATCCCAACGCAGCCCTCCAGCCAGTACAAG
 AAGCCACCCAGTGCCTCATCACCTGGCACTCCAGCTAAGACCCCAACCTAATGCCTTTCTCTTGGTG
 CCCCACCACCTTGGCCATCCCTCAGGACTCTTCTGGCCAGAGCTGGGTCCAGGCAGAGTGACTACAT
 GGAGGCCCTTACCACAGTCCCTGGTGGCTTATGGAGGAGCAGCTCCCTGGGCTGGGAGTCTGGCCAT
 GGCAGTGTGACTATGGGGGATGCCTACATTCATGGAGATCCCGCTTACGCTCCACCTCCAGTCCAGC
 GGGTCAATGGACCCAGGCTTCTGGATGTGTGAGGATGTCCCTCTGGACAGCAGCAATAAAGTGTGTG
 CCCCAGCTTGTATCTTCTCATTGCTGACCCCTACAGCTGTTTACGCTTAGGACCAGAGGACATTGGT
 TCCAGCAGCAGTTCTCATGAGCGGGTGGTGGAGCCACGTGGTCCAGGGTCCAGAGTTCGAGATCTCCTTCC
 CCGACAGTCCAGGCTCCAGGCCAGTGGACCCTGCCCGGCTGACTCTCCTGATGGCCTCACGTC
 TGCAGCTTCAACGAGAAGGGCTGTCTGAGAAGTCTGGAAGCACAGACCAGGAACCCAGCAGACACA
 GCCAGCCTGGATTGCATGGCAGAGACTGAGGGCCAGCCGGCCAAGTCCAGGCTGCCCCAGATCCAGAGC
 CTGGGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_019385
- Insert Size:** 1341 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_019385.2](#), [NP_062258.2](#)
RefSeq Size: 2548 bp
RefSeq ORF: 1341 bp
Locus ID: 56082
Cytogenetics: 8q32
Gene Summary: plays a role in stacking Golgi cisternae during the disassembly and reassembly of the Golgi apparatus in mitosis [RGD, Feb 2006]