

Product datasheet for **RN205849**

Gorasp2 (NM_001007720) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gorasp2 (NM_001007720) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gorasp2
Synonyms:	GRASP55; Grs2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205849 representing NM_001007720
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTCCTCGCAGAGCGTCGAGATCCCGGGCGGCCACAGAGGGCTACCACGTCCTGCGGGTACAGG
AAAATCCCCAGGACACAGAGCTGGACTGGAGCCTTTCTTTGACTTTATTGTTTCTATTAATGGTTCGAG
ATTAATAAGGACAACGACACTCTGAAGGACTTCTGAAAGCCACGTAGAGAAGCCTGTGAAGATGCTC
ATCTACAGCAGAAAACCTGGAGCTGCGGGAGGCCTCGGTACACCCAGCAACCTGTGGGGCGGCCAGG
GCTTGTGGGGTTAGCATCCGGTCTGCGATTTTCGATGGGGCCAACGAAAATGTTTGGCACGTGCTGGA
AGTGAATCGAATCCCCCGCAGCACTGGCGGGCTGAGACCTCACAGCGATTACATCATTGGAGCTGAT
ACCGTCATGAATGAGTCTGAAGACCTGTTACGCTTATTGAGACCCATGAAGCAAAGCCTCTTAAGCTCT
ACGTGTACAACACAGACTGACAACCTGCCGAGAAGTGATCATTACACCAAATTCGCATGGGGTGGGA
AGGCAGCCTCGGCTGTGGCATCGCTATGGTATTTGCACCGAATACCTACGCGTCCCTTTGAAGAAGGA
AAGAAGATTTCCCTCCAGGACAAATGACTGGCACCCCATGACTCCTCCTAAGGATGGGTTTACGGAGG
TCCAGCTGTCCCTCAGTCAGCCCCCATCTTTGTACCACCAGGAAGTGCAGGAGTTGAGCAGAGTCTGTC
TGGACTGTCCATTAGCTCAGCTCCACCGGCTGTGAGCAATGTTCTCAGTACAGGTGTACCGACTGTACCA
TTGTTGCCGCCACAAGTAAACCAGTCCCTTGCTTCTGTGCCACCAATGAACCCAGCTGCCACATTACAA
GTCTGATGCCTTTGTGAGCAGGGCTGCCTAGCCTCCCCAACCTCCCCAGCCTCTCCAACCTCAACCTCCC
TGCTCCGCACATCATGCCAGGGTGGCTTGGCAGAGCTCGGGAAGCCGGGTTGCCACCTTCCCGTCC
TTGCCCTCCCCGAACTTACCTGGCATTGCACCTCTCCCATGCCGTCCGACTTCTCCCGTCATTCCCTT
TGGTCCAGAGGGCTCTTCTGAGCAGCGCAGGGGAACCACTGTCTTCCCTTCTGCCATGGGCCACCC
TTCTGACCTGTGATGACTACTGCAAAGGCAGACACCTCCTCCTCACTGTGGATGTGATGTCTCCTGCT
TCCAAGGTCCCCACCACTGTTGAGGACAGAGTGAGCGACTGCACCCAGCCATGGAGAAGCCTGTGTCTG
CAGTTACGGATGCAAATGCTTCTGAGGCTTCT**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001007720

Insert Size: 1365 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_001007720.1, NP_001007721.1
RefSeq Size: 2177 bp
RefSeq ORF: 1365 bp
Locus ID: 113961
Cytogenetics: 3q22
Gene Summary: functions in the stacking of Golgi cisternae [RGD, Feb 2006]