

Product datasheet for **SC323878**

GRASP65 (GORASP1) (NM_031899) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GRASP65 (GORASP1) (NM_031899) Human Untagged Clone
Tag:	Tag Free
Symbol:	GRASP65
Synonyms:	GOLPH5; GRASP65; P65
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

```

>OriGene sequence for NM_031899.2
CCCACGCGTCCGATCGAGCGCCGAGAGCGAGTCCGGTCTACTGGCGCCGGGTCGGTCC
GGGTAGGCGCAGCGGGACTGGACCTGGGTGCCGAGCGGAGCCGCTGCCATGGGCCTGGGC
GTCAGCGCTGAGCAGCCCGCAGGCGGGCCGAGGGCTTCCACCTCCACGGGGTGCAGGAG
AACTCCCCAGCCAGCAGGCGGGCTGGAGCCCTACTTTGACTTCATCATCACCATTGGG
CACTCGAGGCTGAACAAGGAGAATGACACCTGAAGGCACTACTGAAAGCCAATGTGGAG
AAGCCCGTGAAGCTGGAGGTGTTCAATATGAAGACCATGAGGGTGCCGAGGTGGAGGTG
GTGCCCAGCAACATGTGGGCGGCCAGGGCCTACTGGGTGCCAGTGTGCGCTTTCGAGC
TTCGCGAGGGCCAGTGAGCAGGTGTGGCATGTGCTGGATGTGGAACCATCTTCACCTGCT
GCCCTTGGCGGCTGCGCCCTACACAGACTATGTGGTTGGTTCGGACCAGATTCTCCAG
GAGTCCGAGGACTTCTTTACGCTCATCGAGTCTCATGAGGGGAAGCCCTTGAAGCTGATG
GTGTATAACTCCAAGTCAGACTCCTGCCGGGAGGTGACTGTAACCCAACGCAGCCTGG
GGTGGAGAGGGCAGTCTGGGATGTGGCATTGGCTATGGGTATCTACACCGGATCCCACT
CAGCCCCCAGCTACCACAAGAAGCCACCTGGCACCCACCACCTTCTGCTCTACCACTT
GGTGCCCCACCACCTGATGCTCTACCACCTGGACCCACCCCGAGGACTCTCCTTCCTG
GAGACAGGTTCCAGGCAGAGTACTACATGGAGGCCCTGCTGCAGGCACCTGGCTCCTCC
ATGGAGGATCCCCCTTCTGGGCCTGGGAGTCCCAGCCACAGTGTCCAGACCCTGATGGA
CTTCCCCATTTTATGGAGACTCCTTTCAGCCCCACCTCCAGTGCAGCGAGTTATGGAC
CCAGGCTTCTGGACGTGTGGGAATTTCTCTTGGACAACAGCAATGCCAGTGTGTGG
CCCAGCCTGCCCTCTCCACAGAAGTACCACCCACAGTGTCTCAACCTCAGGGCCAGAG
GACATCTGCTCCAGCAGCAGTTCATGAGCGGGTGGTGGGCTACATGGTCTGGGTCA
GAGTTTGGAGTCTCCTTCTGGACAGCCAGGTGCCAAGCCAGGCGGACCACCTGCCT
CAGCTGACTCTTCTGACAGTCTCACCTCTGACGCTCACAGAAGATGGGCTGTCCGCC
GAGCTGCTTGAAGCTCAGGCTGAGGAGGAACCAGCAAGCACAGAGGGCCTAGATACTGGG
ACGGAGGCTGAGGGCTGGACAGCCAGGCCAGATCTTACCACAGAATAACACCCTGGG
CTGTGACAAGGCCATGATGACATTTTATGAGGCCAGATGTGGGCAGGCAGCCGGGCT
GCATATGCGGTGAGGATTCCTTCTGCTTTGGTGGGACATGAGGCCTCAGTGGTGGT
AGAGGGGGCCATGGGCCTTGTGGGAGGATATCTTTGGCCGTGTACCCTCAGGTCCAGT
CTTGGTCTGCTCTGGTCACTGGGGCTTCCAGGAGGCAGCAGGGTCTGGTCATAATCCA
GTGTGAAGATGAGGTGAGGAAGGAAGGGTTGCTGTCCAGTGTGGCCTGGTCTGTTGA
TTCTTCTGCACAGCTCAGCCCACCCATCTGTACTGGAAGGGACCCTGGAGCCCTGGGA
CCACCCCTTTCAAGTCCCAAACACTGAGTCTCTGTATGTGCTTGTCCCTAGGCTA
CAATGCTACACTTGGCTCAGGCTGATCACCATGCTAGTACAGGAGGGAGAGAGAGGCAG
TGTACTTGCCCCATCTCCTGGAGGGAGGTGCGTTGGAATTTTAGGCCCTTTCAGCAGAG
ACCCATTTGTGCCAGACCACAATATTTCTTCTCCTCAGGGACTACATGCCACAGACCT
GTATCCCCAGTGGCAACTCCTGTAGCTCCCAAACCTTAAACAGTGTCTTCTAAATAT
ACAAGGCATCTACCCAGCCCCAATAGTGAATAAAAGTCACAAATTAAGTTCAACACCCT
AAGCAATTTCTCAAAGCCAGTCTACCTGACTAGGTCTATCCACGCACGGTTCCCAACCC
AAGGGGAATTAGGGGATTAGATTAAGAGTAGGTAAGACCCCTTTTGTCTTCTCCTGTTG
TAGGGGAGGAAGCTGTTCTCCCCACCCAGGTGCCTTTGGAGGTTAAGGCTAGGTTAGGC
CCTGCACTCCACCTGGGACGGCCCTCATCACCTGAAGTCTCTGCTGTGTTGACTGGA
CCCTCAGTTCACACTGCTAATTAATGAAAGCTGCTGGCCTCGTCTTCTAGCTTG
TGCTAGTTGAAAGTCTCACCTTACAGGATCATTGTAATGCTGGTGTACATGCAGGGA
ACTCACAAGTGTGTGAGGATGCAGGACAAGGAATGTCTGCTCTGGGGGCACAGGCCA
ACTATATGGAGGGAGGGTCCCAAATTAGCAAACCTTCAATTAAGCAAACCTTGTCAA
GCCTACCAGAGCAGCTGATACGTGTGCATAACAGTGAGGCATTGTCTCCTGGATCGTCTG
GGAGCCAGTGTCAAGTCTGCTGGAATGCAGGAAGTAGAACAGAATCGCCACAGGACTGT
TCTGGGGCCAGCTTCCCTTAACTCTGTAGCCTGGCAGTCTGACCCAAAGTTGCCCTCACC
CAAAGTTCTGGCTTCTCCCTCCCTCACTTTTACTTTCCCTTCCCCCATAAGTTGGAGGA
TAAATGGGTATCAATGCTAATATTTCCAGGGAGAATGAAACCAGAGGTTTCTTTCTT
TCTCTGTAATCTGCTATGAAAAAAAAAAAAAAAA
    
```

Restriction Sites:	ECoRI-NOT
ACCN:	NM_031899
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_031899.2 , NP_114105.1
RefSeq Size:	3057 bp
RefSeq ORF:	1323 bp
Locus ID:	64689
UniProt ID:	Q9BQQ3
Cytogenetics:	3p22.2
Domains:	GRASP55_65
Gene Summary:	<p>The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a membrane protein involved in establishing the stacked structure of the Golgi apparatus. It is a caspase-3 substrate, and cleavage of this encoded protein contributes to Golgi fragmentation in apoptosis. This encoded protein can form a complex with the Golgi matrix protein GOLGA2, and this complex binds to the vesicle docking protein p115. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>