

Product datasheet for **SC311135**

GRIP1 (NM_021150) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GRIP1 (NM_021150) Human Untagged Clone
Tag:	Tag Free
Symbol:	GRIP1
Synonyms:	FRASRS3; GRIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_021150 edited
 CTGCTGCTGCTGCAGCCACCAGACAGAGAGCCTTGAGTACACTTTGCCACAGAAAGCAG
 TGAGCAAGAATGATAGCTGTCTCTTTAAATGCCGTTGTCAAATTCTGAGGCGACTTACT
 AAAGATGAGAGTCCCTACTACTAAATCCGCCAGCCAGACAAAGCCGCTGATGGAGCGTTG
 GCTGTGAGGAGACAGAGCATCCCAGAGGAATCAAGGGCTCCACAGTCGTCGAGCTGATG
 AAGAAGGAAGGCACTACCTGGGTCTGACGGTATCGGGAGGAATTGATAAGGATGGCAAG
 CCAAGAGTATCTAATCTGCGGCAAGGAGGAATTGCTGCTAGAAGTGACCAGCTGGATGTG
 GGTGACTACATCAAAGCAGTGAATGGAATCAACCTGGCCAAATCCGCCATGACGAGATC
 ATCAGCTTGTGAAGAATGTGGGAGAAAGAGTGGTTCTTGAAGTAGAGTACGAGCTTCCA
 CCGGTCTCTGTGAAGGATCAAGTGTATTTCCGAACAGTGGAGGTCACATTACATAAA
 GAAGGCAATACCTTTGGTTTTGTAATTCGAGGGGAGCAGATGATGATAGAAATAAATCT
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 AAACCCGGTGACAGGTTGCTCAGTGTGGATGGAATTCGGCTTCTTGAAGTACGCATGCT
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 AGCCCAGCAGAGAGATGTGGGTGCTACAGATTGGAGACAGAGTATGGCCATCAATGGA
 ATTCCAACAGAAGACAGCACCTTGAAGAAGCCAGTCAGCTCCTCCGAGACTCTTCAATC



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ACGAGCAAGGTCACACTGGAAATCGAGTTTGATGTTGCAGAGTCTGTCATCCCAAGTAGT
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CAGAAGTCTATAGACCAACAGAGTCTACCAGGAGATTGGAGTGAACAGAACAGTGCTTTT
TTCCAGCAGCCTAGCCACGGTGGTAATTTGGAGACACGAGAACCCTAATACATTATAG

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- Restriction Sites:** Please inquire
- ACCN:** NM_021150
- Insert Size:** 3300 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM_021150.1.
- 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_021150.1](#), [NP_066973.1](#)

RefSeq Size: 3300 bp

RefSeq ORF: 3231 bp

Locus ID: 23426

UniProt ID: [Q9Y3R0](#)

Cytogenetics: 12q14.3

Protein Families: Druggable Genome

Gene Summary: This gene encodes a member of the glutamate receptor interacting protein family. The encoded scaffold protein binds to and mediates the trafficking and membrane organization of a number of transmembrane proteins. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, May 2010]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).