

Product datasheet for **SC326402**

RGPD3 (NM_001144013) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGPD3 (NM_001144013) Human Untagged Clone
Tag:	Tag Free
Symbol:	RGPD3
Synonyms:	RGP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326402 representing NM_001144013. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAGTTGCAGCAAGGCCTACGGGGAGCGGTACGTCGCCTCGGTGCAGGGCTCCGCCCCGTCGCCTCGA
 AAGAAGTCAACGAGAGGATTCTATTTGCAAAGCTGTATTATGAAGCTAAAGAATATGATCTTGCTAAA
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CACCACAGCTCCTATCAGCCGTTATGCCTGCCCTTCCTGTGTAAACAGCTTTGTACAGAAAGACAA
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 CAGAAGCTCAGTTCACCACAAAAAGTGAGATCACTTAAACGGCCTGCTTCGGGAAATAGAGGCAACC
 AATGCAGTCCTTATGGAGCAATTAAGCTTCTCAAAAGTGAAATAAGAAGATTGGAAGGAATCAAGAG

CAAGAGGTGCTGCAGCTAACGTGGAACACTTGAAGAAGCTTTGCTGCAGTTTCATTTTCTTGAAGCCA
GGTAGTGAAAGAGAGAGACTTCTTCTGTTATAAATACGATGTTGCAGCTCAGCCTTGAAGAAAAGGGA
AACTTGCTGCGGTTGCTCAAGGTGAGGAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001144013
Insert Size:	5277 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:	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:	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>NM_001144013.1</u>
RefSeq Size:	5873 bp
RefSeq ORF:	5277 bp
Locus ID:	653489
UniProt ID:	<u>A6NKT7</u>
Cytogenetics:	2q12.2
MW:	197.5 kDa
Gene Summary:	This gene is located in a cluster of Ran-binding protein related genes on chromosome 2 which arose through duplication in primates. The encoded protein contains an N-terminal TPR (tetratricopeptide repeat) domain, two Ran-binding domains, and a C-terminal GRIP domain (golgin-97, RanBP2alpha, Imh1p and p230/golgin-245) domain. [provided by RefSeq, Sep 2011]