

Product datasheet for **SC333105**

RALGDS (NM_001271774) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RALGDS (NM_001271774) Human Untagged Clone
Tag:	Tag Free
Symbol:	RALGDS
Synonyms:	RalGEF; RGDS; RGF
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC333105 representing NM_001271774.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTGCCTGTGGGGGCACTCCACAGCCCCTGCCACACCCTCTCCTCCCCGCTCTGCTGTTCTGCTCC
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Restriction Sites: SgfI-MluI
ACCN: NM_001271774
Insert Size: 2658 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:	<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_001271774.1
RefSeq Size:	3621 bp
RefSeq ORF:	2658 bp
Locus ID:	5900
UniProt ID:	Q12967
Cytogenetics:	9q34.13-q34.2
Protein Pathways:	Colorectal cancer, Pancreatic cancer, Pathways in cancer
MW:	97.3 kDa
Gene Summary:	<p>Guanine nucleotide dissociation stimulators (GDSs, or exchange factors), such as RALGDS, are effectors of Ras-related GTPases (see MIM 190020) that participate in signaling for a variety of cellular processes.[supplied by OMIM, Nov 2010]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and 5' coding region and represents use of an alternate promoter, compared to variant 1. This variant also uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The encoded isoform (3) is shorter and has a distinct N-terminus, compared to isoform 1.</p>