

## Product datasheet for **RG238236**

### SKAR (POLDIP3) (NM\_001278657) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SKAR (POLDIP3) (NM_001278657) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SKAR
Synonyms:	PDIP3; PDIP46; SKAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238236 representing NM_001278657. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGACATCTCCCTGGACGAACTCATCAGGAAGCGCGGGCGGCGGAAAGGACGGCTTAATGCC
AGACCGGGAGTTGGAGGTGTCCGATCTCGAGTTGGGATCCAGCAAGGCCTTCTCAGCCAGTCAACACGC
ACAGCCACCTTCCAGCAGAGATTTGATGCCCGCAGAAGATTGGCCTCTCAGATGCCCGGCTCAAACCTG
GGAGTCAAGGATGCCCGGAGAAGCTTTGCAGAAAGATGCCCGATTTGCAATCAAAGGGAAAGTGCAG
GATGCCAGAGAGATGTTGAAGTCTCGAAGCAGCAGACCACGGTGCACAGAAAGCCCGCCAGGTTGCT
GATGCCCGGAGAAGATCAGCTTGAAGAGGAGTCCCCTGCTGCCTTCATAAACCACCCATTGGGACA
GTGACCCCTGCTCTGAAGCTCACAAAACCATCCAGAGAATGCATGTGGACCCTGTGGGGTGGATTCTG
ACCACTGAGTGTTTCCAGGTTCCACAGCAGAAAGCCATGGCACCCTTCATCCCCATCTGCCGGAATG
AGAATCAATGTTGTCAATAACCACAGGCCAAACAGAAATTTATATGACCTGGATGAAGATGATGATGGT
ATAGCTCCGTTCCACTAAACAGATGAAGTTGCAGCCTCAGGCGGCTTTCTCCACCACATGGCTGGG
CTAAGCAGTTCCAAGCTTCCATGTCCAAGGCCCTCCCTCTACCAAAGTGGTTCAGAATGATGCATAC
ACAGCTCCTGCTCCTTCCCTTATTCGAACAAAAGCCTTGACCAACATGTCCCGGACACTGGTGAAC
AAGGAAGAACCCCAAGAGCTGCCAGCTGCTGAGCCTGTTCTCAGCCCATTGGAAGGCACCAAGATG
ACTGTGAATAATCTGCACCTCGAGTCACTGAGGAGACATTGTTGAGCTTTTCTGTGTGTGGGGCC
CTCAAGCGAGCTCGACTGGTCCATCCTGGGGTAGCGGAGGTGGTGTGTTGTGAAAAAGGACGATGCCATC
ACCGCATATAAGAAGTACAACAACCGGTGTCTGGACGGGACGCCGATGAAGTGAACCTTACATGAAT
GGGAATGTTATCACCTCAGACCAGCCATCCTGCTGCGGCTGAGTGACAGCCATCAATGAAAAAGGAG
AGCGAGCTGCCTCGAGGGTGAAGTCTGCCTCCTCCTCAACCCCTGCCGAAGTGGACCCTGACACC
ATCCTGAAGGCACTCTTCAAGTCTCAGGGCCTCTGTGACCACGACCCACAGAATTCAAAATCAAG
CTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```



[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG238236  
 Blue=ORF Red=Cloning site Green=Tag(s)

MADISLDELIRKRGAAAKGRLNARPGVGGVRSRVGIQQGLLSQSTRATFQQRFARQKIGLSDARLKL  
 GVKDAREKLLQKDARFRIKGVQDAREMLNSRKQQTTPQKPRQVADAREKISLKRSSPAAFINPPIGT  
 VTPALKLTKTIQRMHVDVPVWILTTECFQVPQKAMAPLHPHPAGMRINVVNNHQAKQLYDLDEDDG  
 IASVPTKQMKFAASGGFLHHMAGLSSSKLSMSKALPLTKVVQNDAYTAPALPSSIRTKALTNMSRTL  
 VNKEEPPKELPAAEPVLSPLEGKMTVNNLHPRVTEEDIVELFCVCGALKRRLVHPGVAEVVFKDDAI  
 TAYKKNRCLDQPMKCNLHMNGNVTSDQPILLRLSDSPSMKKESELPRRVNSASSNPPAEVDPDT  
 ILKALFKSSGASVTTQPTFEKIKL  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001278657

**ORF Size:** 1314 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

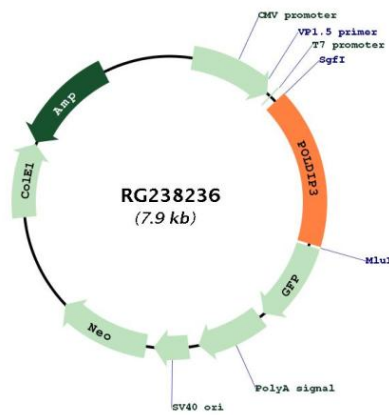
**RefSeq:** [NM\\_001278657.1](#), [NP\\_001265586.1](#)

RefSeq Size: 3511 bp  
 RefSeq ORF: 1317 bp

Locus ID: 84271  
 Cytogenetics: 22q13.2  
 MW: 48.6 kDa

**Gene Summary:** This gene encodes an RRM (RNA recognition motif)-containing protein that participates in the regulation of translation by recruiting ribosomal protein S6 kinase beta-1 to mRNAs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Product images:**



Circular map for RG238236