

Product datasheet for **RG208957**

SKAR (POLDIP3) (NM_178136) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SKAR (POLDIP3) (NM_178136) 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: >RG208957 representing NM_178136
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACATCTCCCTGGACGAACTCATCAGGAAGCGCGGGCGGCGGAAAGGACGGCTTAATGCCA
GACCGGGAGTTGGAGGTGCCGATCTCGAGTTGGGATCCAGCAAGGCCTTCTCAGCCAGTCAACACGCAC
AGCCACCTTCCAGCAGAGATTTGATGCCCGCAGAAGATTGGCCTCTCAGATGCCCGCTCAAACCTGGGA
GTCAAGGATGCCCGGAGAAGCTTTTGCAGAAAGATGCCCGATTCGAATCAAAGGGAAAGTGCAGGATG
CCAGAGAGATGTTGAACTCTCGCAAGCAGCAGACCACGGTCCCCAGAAGCCCCCGCAGGTTGCTGATGC
CCGGGAGAAGATCAGCTTGAAGAGGAGTCCCCCTGCTGCCTTCATAAACCCACCCATTGGGACAGTGACC
CCTGCTCTGAAGCTCACAAAACCATCCAGAATTTATATGACCTGGATGAAGATGATGATGGTATAGCTT
CCGTTCTACTAAACAGATGAAGTTTGCAGCCTCAGGCGGCTTTCTCCACCACATGGCTGGGCTAAGCAG
TTCCAAGCTTTCATGTCCAAGGCCCTCCCTCTCACCAAAGTGGTTTCCAGAAATGATGCATACACAGCTCCT
GCTCTCCCTTCTCTATTGCAACAAAAGCCTTGACCAACATGTCCCGGACACTGGTGAACAAGGAAGAAC
CCCCAAAGAGCTGCCAGCTGCTGAGCCTGTTCTCAGCCATTGGAAGGCACCAAGATGACTGTGAATAA
TCTGCACCCTCGAGTCACTGAGGAGGACATTGTTGAGCTTTTCTGTGTGTGGGGCCCTCAAGCGAGCT
CGACTGGTCCATCCTGGGTAGCGGAGGTGGTGGTTTGTGAAAAGGACGATGCCATCACCGCATATAAGA
AGTACAACAACCGGTGTCTGGACGGCAGCCGATGAAGTGAACCTTACATGAATGGGAATGTTATCAC
CTCAGACCAGCCATCCTGCTGCGGCTGAGTGACAGCCATCAATGAAAAAGGAGAGCGAGCTGCCTCGC
AGGGTGAAGTCTGCCTCCTCCTCAACCCCTGCCGAAGTGGACCCTGACACCATCCTGAAGGCACTCT
TCAAGTCTCAGGGGCTCTGTGACCACGAGCCACAGAATTCAAAATCAAGCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG208957 representing NM_178136
Red=Cloning site Green=Tags(s)

MADISLDELIRKRGAAAKGRLNARPGVGGVRSRVGIQQGLLSQSTRATFQQRFDARQKIGLSDARLKLK
 VKDAREKLLQKDARFRIKGVQDAREMLNSRKQTTVPQKPRQVADAREKISLKRSSPAAFINPPIGTVT
 PALKLTKTIQNL YDLDEDDGGIASVPTKQMKFAASGGFLHHMAGLSSSKLSMSKALPLTKVVQNDAYTAP
 ALPSSIRTKALTNMSRTLNVNKEEPPKELPAAEPVLSPLEGTMKTVNNLHPRVTEEDIVELFCVCGALKRA
 RLVHPGVAEVVFKKDDAITAYKKYNNRCLDGQPMKCNLHMNGNIVITSDQPILLRLSDSPSMKKESELPR
 RVNSASSNPPAEVDPDTILKALFKSSGASVTTQPTEFKIKL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_178136

ORF Size: 1176 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).

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_178136.3](#)

RefSeq Size: 3348 bp

RefSeq ORF: 1179 bp

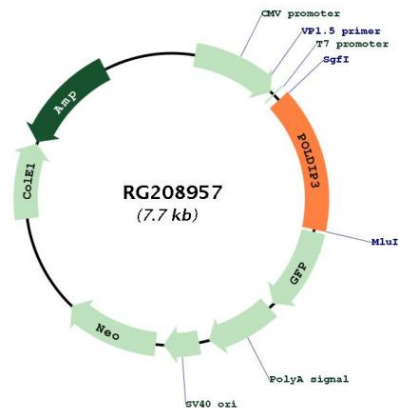
Locus ID: 84271

UniProt ID: [Q9BY77](#)

Cytogenetics: 22q13.2

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 RG208957