

Product datasheet for RC208957

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:	Myc-DDK
Symbol:	SKAR
Synonyms:	PDIP3; PDIP46; SKAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208957 representing NM_178136 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACATCTCCCTGGACGAACTCATCAGGAAGCGCGGGCGGCGGCGAAAGGACGGCTTAATGCCA
GACCGGGAGTTGGAGGTGTCCGATCTCGAGTTGGGATCCAGCAAGGCCTTCTCAGCCAGTCAACACGCAC
AGCCACCTTCCAGCAGAGATTTGATGCCCGGCAGAAGATTGGCCTCTCAGATGCCCGCTCAAACCTGGGA
GTCAAGGATGCCCGGGAAGCTTTTGCAGAAAGATGCCCGATTCGAATCAAAGGGAAAGTGCAGGATG
CCAGAGAGATGTTGAACTCTCGCAAGCAGCAGACCACGGTGCCCGAGAAGCCCCGCCAGGTTGCTGATGC
CCGGGAGAAGATCAGCTTGAAGAGGAGTTCCCTGCTGCCTTCATAAACCCACCCATTGGGACAGTGACC
CCTGCTCTGAAGCTCACAAAACCATCCAGAATTTATATGACCTGGATGAAGATGATGATGGTATAGCTT
CCGTTCTACTAAACAGATGAAGTTTGCAGCCTCAGGCGGCTTTCTCCACCACATGGCTGGGCTAAGCAG
TTCCAAGCTTTCATGTCCAAGGCCCTCCCTCTCACCAAAGTGGTTTCCAGAAATGATGCATACACAGCTCCT
GCTCTCCCTTCTCTATTGCAACAAAAGCCTTGACCAACATGTCCCGGACACTGGTGAACAAGGAAGAAC
CCCCAAAGAGCTGCCAGCTGCTGAGCCTGTTCTCAGCCATTGGAAGGCACCAAGATGACTGTGAATAA
TCTGCACCCTCGAGTCACTGAGGAGGACATTGTTGAGCTTTTCTGTGTGTGGGGCCCTCAAGCGAGT
CGACTGGTCCATCCTGGGTAGCGGAGGTGGTGGTTTGTGAAAAGGACGATGCCATCACCGCATATAAGA
AGTACAACAACCGGTGTCTGGACGGCAGCCGATGAAGTGAACCTTACATGAATGGGAATGTTATCAC
CTCAGACCAGCCATCCTGCTGCGGCTGAGTGACAGCCATCAATGAAAAAGGAGAGCGAGCTGCCTCGC
AGGGTGAAGTCTGCCTCCTCCTCAACCCCTGCCGAAGTGGACCCTGACACCATCCTGAAGGCACTCT
TCAAGTCTCAGGGGCTCTGTGACCACGAGCCACAGAATTCAAAATCAAGCTT

ACGGTACGGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC208957 representing NM_178136
 Red=Cloning site Green=Tags(s)

MADISLDELIRKRGAAAKGRLNARPGVGGVRSRVGIQQGLLSQSTRATFQQRFARQKIGLSDARLKLK
 VKDAREKLLQKDARFRIKGVQDAREMLNSRKQTTVPQKPRQVADAREKISLKRSSPAAFINPPIGTVT
 PALKLTKTIQNL YDLDEDDDGIASVPTKQMKFAASGGFLHHMAGLSSSKLSMSKALPLTKVVQNDAYTAP
 ALPSSIRTKALTNMSRTLVNKEEPPKELPAAEPVLSPLEGKMTVNNLHPRVTEEDIVELFCVCGALKRA
 RLVHPGVAEVVFKKDDAITAYKKYNNRCLDGQPMKCNLHMNGNVITSDQPILLRLSDSPSMKKESELPR
 RVNSASSNPPAEVDPDTILKALFKSSGASVTTQPTEFKIKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

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

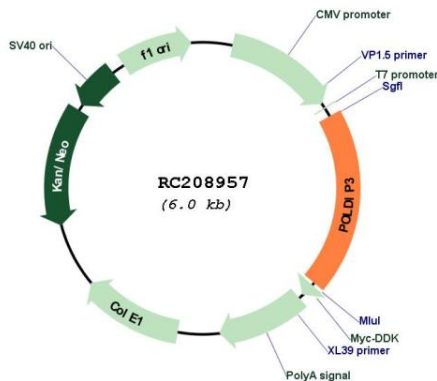
UniProt ID: [Q9BY77](#)

Cytogenetics: 22q13.2

MW: 42.7 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 RC208957