

## Product datasheet for **SC105125**

### SKAR (POLDIP3) (NM\_032311) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SKAR (POLDIP3) (NM_032311) Human Untagged Clone
Tag:	Tag Free
Symbol:	POLDIP3
Synonyms:	PDIP3; PDIP46; SKAR
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032311, the custom clone sequence may differ by one or more nucleotides

```
ATGGCGGACATCTCCCTGGACGAACTCATCAGGAAGCGCGGGCGGCGGCGAAAGGACGGCTTAATGCCA
GACCGGGAGTTGGAGGTGTCCGATCTCGAGTTGGGATCCAGCAAGGCCTTCTCAGCCAGTCAACACGCAC
AGCCACCTTCCAGCAGAGATTTGATGCCCGGCAGAAGATTGGCCTCTCAGATGCCCGCTCAAACCTGGGA
GTCAAGGATGCCCGGGAGAAGCTTTTGCAGAAAGATGCCCGATTCGAATCAAAGGGAAAAGTGCAGGATG
CCAGAGAGATGTTGAACTCTCGAAGCAGCAGACCACGGTGCCCCAGAAGCCCCGCCAGGTTGCTGATGC
CCGGGAGAAGATCAGCTTGAAGAGGAGTTCCCTGCTGCCTTCATAAACCACCCATTGGGACAGTGACC
CCTGCTCTGAAGCTCACAAAACCATCCAGGTTCCACAGCAGAAAAGCCATGGCACCACCTTCATCCCCATC
CTGCCGAATGAGAATCAATGTTGTCAATAACCACCAGGCCAAACAGAATTTATATGACCTGGATGAAGA
TGATGATGGTATAGCTTCCGTTCCCTACTAACAGATGAAGTTTGCAGCCTCAGGCGGCTTTCTCCACCAC
ATGGCTGGGCTAAGCAGTTCCAAGCTTCCATGTCCAAGGCCCTCCCTCTACCAAAGTGGTTCAGAATG
ATGCATACACAGCTCCTGCTCTCCCTTCTCTATTGCAACAAAAGCCTTGACCAACATGTCCCGGACACT
GGTGAACAAGGAAGAACCCCAAGAGCTGCCAGCTGCTGAGCCTGTTCTCAGCCATTGGAAGGCACC
AAGATGACTGTGAATAATCTGCACCTCGAGTCACTGAGGAGCATTGTTGAGCTTTTCTGTGTGTGTG
GGGCCCTCAAGCGAGCTCGACTGGTCCATCCTGGGGTAGCGGAGGTGGTGTGTTGTGAAAAAGGACGATGC
CATCACCGCATATAAGAAGTACAACAACCGGTGTCTGGACGGGCAGCCGATGAAGTGCAACCTTCACATG
AATGGGAATGTTATCACCTCAGACCAGCCATCCTGCTGCGGCTGAGTGACAGCCATCAATGAAAAAGG
AGAGCGAGCTGCCTCGCAGGGTGAAGTCTGCTCCTCCTCCAACCCCTGCCGAAGTGGACCCTGACAC
CATCCTGAAGGCACTCTCAAGTCTCAGGGGCTCTGTGACCACGCAGCCACAGAATTCAAATCAAG
CTTTGA
```



[View online »](#)

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_032311 unedited  
 GTAATACGACTACTATAGGGCGGCCGGAATTCGGCACGAGGACCGCATATAAGTAAGT  
 ACAACAACCGGTGTCTGGACGGGCAGCCGATGAAGTGCAACCTTCACATGAATGGGAATG  
 TTATCACCTCAGACCAGCCCATCTGCTGCGGCTGAGTGACAGCCCATCAATGAAAAAGG  
 AGAGCGAGCTGCCTCGCAGGGTGAAGCTGCTCCTCCTCCAACCCCTGCCGAAGTGG  
 ACCCTGACACCATCCTGAAGGCACTCTCAAGTCTCAGGGCCCTGTGACCACGCAGC  
 CCACAGAATTCAAAATCAAGCTTTGAGCAGGGGAGTGAGGCAGCCAGAAGTGGGGGCGA  
 GGAGGGTGGCTCTGTTTCCCAAGGCAAAGCTTATGACCAATGGGCCATCGGACTGGAGA  
 CCCTGATTGTGGGAAGGTTGCCAGGGATAAAGAGCTTCTCACTGGATGGGACCCGCC  
 TTTCTGTGTTGTGTTCTGCCCTGTGCTTCTCTCTACGTTAACGTTTCTGTAGTATGT  
 TTCTTCATCTCATCGCCAAGGTAGGCTTGTGTTTTTCAGTGTGCTCCTCCCGAGCCTCA  
 GCCCAAGCTGATTTCTTATCTGAAAATGGTACACTGAATCTCTGGGTGGCTTCTTGT  
 GGCCCATGGGATGCANCGTGGGGGCTGTCTGAAAGACCTGTNTTCCAGGGGCCGNA  
 GGGCTGCCTTTCCTTTGTGTATTAAGCTTTTCAAACAATGGAGGGGATGGAGAGCCCT  
 GNTGTCCTGACAGGAGCCAAGTCGGCCTGAGAGCTGTGCCCTCCTCTGTCTTGTATTG  
 GAAGTGCCTGGGTGGGGAGCAGGTCTCAGGCCTTGTCTCTCCCAATGCTTCAAGCCN  
 ACTATTGCCAAGGCCAGATGAGCTGCCCGCTGGGATATT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_032311 unedited  
 TGTGTGGNNNNNNNNNNNNNNNNNNCCCACTGGTTTACAATAGTTTTTNCANAATGGCTA  
 AAGTAATACATAATCACCTTNTNCTCTTAATGCCCTTCTCTCCTTCTGCACAGGAG  
 ACACAGATGGGTAACATAGAGGCATGGGAAGTGGAGGAGGACACAGGACTAGCCACCAC  
 CTTCTCCTCCCGTCTCCAGATGACTGCTTATAGAGTGGGAGAAGCAAACAGTCCCTCT  
 CATGTACCAGATGGTACCTATAGCACCAGCTTACAGATGGCCACGTGGCTGCAGCTGGA  
 CTCATTGAAACTCTGTGCCACCCNGAGAATCCCTGCTTTGGGATGAAAGGGAGGGTAAAA  
 GCCTTCCCGGGAGGATTTTTAACCATCCCTACCCCTAAGCCAATGGCAAGCGGGGGGCC  
 CCGGTTTTCCCAACCCTGAAAAACCGGCCCCCGCCTTTGGGAGCCTTTTTGGCCC  
 CCAAAGGGAAAAAGTGGGGGGGAAAAATTTTCCCTCTTTTCCCAAAAAATTTCCCCC  
 CCCCTTAAGGGGGGGGGGGGAAAAAAAAAAAAAACCTCTTTTTTTAAAAAACCGCG  
 GGGGGGGGGCCCCCCCCCCCCCTTTTTTTGTTATTTTCTCCCCCGGGGGGGGG  
 GCCTTCAAACCCCCCCCCACAAGAGGGGGGGGAAAAAAAAAAGGGGGGTTTTTTTCTC  
 CCCGGAAGAAAAACCCCCCCCCAAAAAAAAAAAAAAAAAAGGGTTTTTTTTTTTTTTTT  
 TTGGGGGGGGGGCACCAAAAA

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_032311

**Insert Size:**

2500 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:**

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\\_032311.1](#), [NP\\_115687.1](#)

**RefSeq Size:** 3441 bp

**RefSeq ORF:** 3441 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]  
Transcript Variant: This variant (1) encodes isoform 1.