

Product datasheet for SC110688

SKAR (POLDIP3) (NM_178136) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SKAR (POLDIP3) (NM_178136) Human Untagged Clone
Tag:	Tag Free
Symbol:	SKAR
Synonyms:	PDIP3; PDIP46; SKAR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC110688 sequence for NM_178136 edited (data generated by NextGen Sequencing)

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ATGGCGGACATCTCCCTGGACGAACTCATCAGGAAGCGCGGGCGCGGAAAGGACGG
CTTAATGCCAGACCGGGAGTTGGAGGTGTCCGATCTCGAGTTGGGATCCAGCAAGCCTT
CTCAGCCAGTCAACACGCACAGCCACCTTCCAGCAGAGATTTGATGCCCGCAGAAGATT
GGCCTCTCAGATGCCCGCTCAAAGTGGGAGTCAAGGATGCCCGGAGAAGCTTTTGCAG
AAAGATGCCCGATTTTGAATCAAAGGAAAGTGCAGGATGCCAGAGAGATGTTGAACTCT
CGCAAGCAGCAGACCACGGTCCCCAGAAGCCCCGCCAGGTTGCTGATGCCCGGAGAAG
ATCAGCTTGAAGAGGAGTTCCCTGCTGCCTTCATAAACCCACCCATTGGGACAGTGACC
CCTGCTCTGAAGCTCACAAAACCATCCAGAATTTATATGACCTGGATGAAGATGATGAT
GGTATAGCTTCCGTTTCTACTAAACAGATGAAGTTTGCAGCCTCAGGCGGCTTTCTCCAC
CACATGGCTGGGCTAAGCAGTTCCAAGCTTTCATGTCCAAGGCCCTCCCTCTCACAAA
GTGTTTGAAGATGATGCATACACAGCTCCTGCTCTCCCTTCTCTATTGAAACAAAAGCC
TTGACCAACATGTCCCGGACACTGGTGAACAAGGAAGAACCCCCAAAGAGCTGCCAGCT
GCTGAGCTGTTCTCAGCCATTGGAAGGCACCAAGATGACTGTGAATAATCTGCACCCT
CGAGTCACTGAGGAGGACATTGTTGAGCTTTTCTGTGTGTGTGGGGCCCTCAAGCGAGCT
CGACTGGTCCATCCTGGGGTAGCGGAGGTGGTGTGTTGTGAAAAAGGACGATGCCATCACC
GCATATAAGAAGTACAACAACCGGTGTCTGGACGGCAGCCGATGAAGTGAACCTTCCAC
ATGAATGGGAATGTTATCACCTCAGACCAGCCATCCTGCTGCGGCTGAGTGACAGCCCA
TCAATGAAAAAGGAGAGCGAGCTGCCTCGCAGGGTGAACCTGCTCCTCCTCCTCCAAACCC
CCTGCCGAAGTGGACCCTGACACCATCCTGAAGGCACTTCAAGTCTCAGGGGCTCT
GTGACCACGCAGCCACAGAATTCAAAATCAAGCTTTGA

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Clone variation with respect to NM_178136.1



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_178136 unedited CTCACTATAGGGCGGCCGCGATTTCGGCACGAGGATGGCGGACATCTCCCTGGACGAACTC ATCAGGAAGCGCGGGGCGCGCGGAAAGGACGGCTTAATGCCAGACCGGGAGTTGGAGGT GTCCGATCTCGAGTTGGGATCCAGCAAGGCCTTCTCAGCCAGTCAACACGCACAGCCACC TTCCAGCAGAGATTTGATGCCCGCAGAAGATTGGCCTCTCAGATGCCCGGCTCAAAGT GGAGTCAAGGATGCCCGGAGAAGCTTTTGCAGAAAGATGCCCGATTTTCAATCAAAGGG AAAGTGCAGGATGCCAGAGAGATGTTGAACTCTCGCAAGCAGCAGACCACGGTGCCCGCAG AAGCCCCGCCAGGTTGCTGATGCCCGGAGAAGATCAGCTTGAAGAGGAGTTCCCTGCT GCCTTCATAAAACCCACCCATTGGGACAGTGACCCCTGCTCTGAAGCTACCCAAAACCATC CAGAATTTATATGACCTGGATGAAGATGATGATGGTATAGCTTCCGTTCCACTAAACAG ATGAAGTTTGCAGCCTCAGGCGGCTTTCTCCACCACATGGCTGGGCTAAGCAGTTCCAAG CTTTCCATGTCCAAGGGCCCTCCCTCTCACCANAGTGGTTCAGAATGATGCATACACAGC TCCTGCTCTCCCTTCTCTATTGAAACAAAGCCTTGACCAACATGTCCCGACACTGGTG AACAGGNAAGAAACCCCAAGAGCTGNCAGCTGCTGAGCCCTGTCTCAGCCATTTGGAAG GCACCAGGATGACTGTGAATATNCTGACCCTCGAGTACTGAGAGGACATGTTAGCTTTCT TGGGGGGGGGGGCTCAGCAGCTACTGTCTCTGGTANGNNGNNGNNTTTTTTTTTTAA AAAGGACATCCTACCGTTTAGAGTCCCAACGCGTGTGGCGGCGCCATGAAGGCACTC TAAGGGGGGGAGTGTTCCCTAACCGCCTCTGGTGGGTGGATGACGCTATGAAAG
Restriction Sites:	NotI-NotI
ACCN:	NM_178136
Insert Size:	4700 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:	<u>NM_178136.1</u> , <u>NP_835237.1</u>
RefSeq Size:	3348 bp
RefSeq ORF:	1179 bp
Locus ID:	84271
UniProt ID:	<u>Q9BY77</u>
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 (2) lacks an alternate in-frame exon, compared to variant 1.

The encoded isoform (2) is shorter than isoform 1.