

Product datasheet for **SC108235**

SKIP (INPP5K) (NM_130766) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SKIP (INPP5K) (NM_130766) Human Untagged Clone
Tag:	Tag Free
Symbol:	SKIP
Synonyms:	MDCCAID; PPS; SKIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108235 sequence for NM_130766 edited (data generated by NextGen Sequencing)

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ATGGATGTGCTTTCCCTCTGAGCTTCATCAAGTCTCCCATGTCCGATGCAGGGGATC
CTTTACTGGTCTTTGCCAAGTATCAGCATTTGCCCTATATCCAGATTCTGTCTACTAAA
TCCACCCCACTGGCCTGTTGGTACTGGGGAAACAAAGGTGGAGTCAACATCTGCCTG
AAGCTTTATGGCTACTATGTCAGCATCATCAACTGCCACCTGCCTCCCCACATTTCCAAC
AATTACCAGCGGCTGGAGCACTTTGACCGGATCCTGGAGATGCAGAATTGTGAGGGGCGA
GACATCCCAAACATCCTGGACCACGACCTCATTATCTGGTTTGGAGACATGAACCTTCGG
ATCGAGGACTTTGGGTTGCACTTTGTTCCGGAATCCATTAATAAATCGGTGCTACGGTGGC
CTGTGGGAGAAGGACCAGCTCAGCATTGCCAAGAAACATGACCCGCTGCTCCGGGAGTTC
CAGGAGGGCCGCTACTTTCGCCCCACCTACAAGTTTGATAGGAACTCCAACGACTAT
GACACCAGTGAGAAAAACGCAAGCCTGCATGGACCGATCGCATCCTGTGGAGGCTGAAG
CGGCAGCCCTGTGCTGGCCCCGACACTCCCATACCGCCGGCGTCACACTTCTCCTTGCT
CTGAGGGGCTACAGCAGCCACATGACGTACGGCATCAGCGACCACAAGCCTGTCTCCGGC
ACGTTTCGACTTGGAGCTGAAGCCATTGGTGTCTGCTCCGCTGATCGTCTGATGCCCGAG
GACCTGTGGACCGTGGAAAATGACATGATGGTCAGCTACTTCAACCTCGGACTTCCCC
AGCAGCCCGTGGGACTGGATTGGACTGTACAAGGTGGGGCTGCGGGACGTTAATGACTAC
GTGTCCTATGCCTGGGTGGGGACAGCAAGGTCTCCTGCAGCGACAACCTGAACCAGGTT
TACATCGACATCAGCAATATCCCTACCACTGAAGATGAGTTTCTCCTCTGTTACTACAGC
AACAGTCTGCGTTCTGTGGTGGGGATAAGCAGACCCTTCCAGATCCCGCCTGGCTCCTTG
AGGGAGGACCCACTGGGTGAAGCACAGCCACAGATCTGA

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Clone variation with respect to NM_130766.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_130766 unedited GTTCGAATTTTGGTATACCGACTCCTATAGGGCGGGCCGCGATTTCGGCACCAGGGGTCGGA GTCCGGAAGAAAAACAGTCCGCGACAGCTAGGCGCGTGAGACCGGCCGCCCGCAGGGCTG CTCTGGCCGGGACCCGCTGGCCGGGAGACGCGAACCTGCCGGACCACCGCGGGGACGA CGGCGGCCATGAGCTCGCGGAAGCTGAGCGGGCCGAAAGGCAGGAGGCTCAGCATACACG TCGTGACTTGGAACGTGGCTTCGGCAGCGCCCCCTCTAGATCTCAGTGACCTGCTTCAGC TGAACAACCGGAACCTCAATCTTGACATATATGTTATTGGTTTGCAGGAATTGAACTCTG GGATCATAAGCCTCCTTTCCGATGCTGCCTTTAATGACTCGTGGAGCAGTTTCCTCATGG ATGTGCTTTCCCTCTGAGCTTCATCAAGTCTCCCATGTCCGTATGCAGGGGATCCTCT TACTGGTCTTTGCCAAGTATCAGCATTTGCCCTATATCCAGATTCTGTCTACTAAATCCA CCCCCACTGGCCTGTTTGGGTAAGTGGGGAACAAAGGTGGAGTCAACATCTGCCTGAAGC TTTATGGTACTATGTCAGCATCACTGCCACCTGCCTCCCCACATTTCCAACAATT ACCAGCGCTGGAGCACTTTGACCGGATCCTGGAGATGCAGAATTGTGAGGGGCGAGACA TCCANACATCCTGGACCAGACCTCATTATCTGGTTTGGAGACATGAACTTTCCGATCG AGGATTTTGGGGTTGCACTTTGTTCCGGGATCCATTAATAAATCTGGCTACCGTGGCCTG GGGGGAGAAGGACCAGCTCAGCATTGCCAAGAAACATGACCCGCTGCTCCGGGAGGTCCA GGAAGGGCCGGCTACCTTCCCGC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_130766 unedited CCGCAATCTANAGTCGAGNTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAACCCACGCTAATAAT TACCCCTGCACAATGTAACAGTCACAAAACAGCCAGCCATGGCCTGCTGGAAGCCAGGGG ACAATTTTCATACACAGGCTTGCAGGGGAGAGTATGCAACACAGAGCAACTGGAGTAAC CCTCAGTCCCAGGACACAGGATGGCAGGACAAGCACTGAGCAGGCTCCCAGAGGTGTCTT CTCTGGGAAAAGGGCTGCCGAGTGACCATGGCGGAGGCAAGTGTGATGTGGGACAG GCCATGTCCCAAAGCCCTAAAGGGTGTCTCTGAAGAACCCAGGGCCAGATCCTCCA AAATGTCTTGAGCTGGTCTCCCTTCTGCCTGCCCCACTCTGAGGTCCCAGGGGGTCCA GGGGGGGCCCGTCGTAATGGCTCCTGACAAGGGTGGCACAGACGCACCTCACCTGCCAA GGACCACCTGGAAAAGTCTGTGGCCACAGCTCCTTGACCACTTGTACCCCTTCTCTCAA ATGGCAGGGTGGAGGCATGGGACTCAAGCTACCAACGGAAGCGAACCTGGATCCTCCCA GTTCTCTGTGAAGGATCTGGAACCTCATGCAGTCACACTCCATGCCGTGAGTAGGGAGG AAAGTTGTGCTGGCCAAAGACCCCTATAAACCTGCTCATACCATGGCGTAAAACCTGGCT AGAGGGGCCCTCCATTCTGCCCACTGAGTATAACTGCTTTTGGTGAACCAAAAATCCAA ACCCTTTGCTCCTTCTCACGGGGACACCCTTGACAGGGCCGACTCCCGGAATCACCATTTG GTTGCCCATGTCTATGTAGCTGAAAAAGGGGAGCATTTCCTCCCAAAAGCCTGGGCCCA CACGGGCCAAAAGAGTCGGCCGTGCAAAGGGCCTGTCTGCAGGACTCTTGCCAAATCA AAGGGGTGGATTCCAACAACTCN</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_130766
Insert Size:	2820 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:	NM_130766.1 , NP_570122.1
RefSeq Size:	3002 bp
RefSeq ORF:	1119 bp
Locus ID:	51763
UniProt ID:	Q9BT40
Cytogenetics:	17p13.3
Domains:	IPPC, Exo_endo_phos
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Inositol phosphate metabolism, Insulin signaling pathway, Metabolic pathways, Phosphatidylinositol signaling system
Gene Summary:	<p>This gene encodes a protein with 5-phosphatase activity toward polyphosphate inositol. The protein localizes to the cytosol in regions lacking actin stress fibers. It is thought that this protein may negatively regulate the actin cytoskeleton. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008]</p> <p>Transcript Variant: This variant (2) has an additional segment in its 5' end, as compared to variant 1. The resulting isoform, isoform 2, has a shorter N-terminus, compared to isoform 1. Variants 2 and 3 encode the same isoform, isoform 2.</p>