

Product datasheet for **SC321372**

SAM68 (KHDRBS1) (NM_006559) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAM68 (KHDRBS1) (NM_006559) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAM68
Synonyms:	p62; p68; Sam68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006559.1
 CTCGGGTCGGCTTCGGTCGCTACCGCTCCCGCTCTGCCACCCCGCCAACCGCCGCTCGG
 GCCTCCGTGCGTCCCGCTGCGCTTTCTCGCTCCTTGGATCGCACATCCTCCCAGATGCAG
 CGCCGGGACGACCCCGCGCGCATGAGCCGGTCTTCGGGCCGTAGCGGCTCCATGGAC
 CCCTCCGGTGCCACCCCTCGGTGCGTCAGACGCCGTCTGGCAGCCGCCGCTGCCTCAC
 CGGTCCCGGGGAGGCGGAGGGGGATCCCGCGGGGGCGCCCGGGCTCGCCCGCCACGCAG
 CGGCCACCGCTGCTGCCGCCCTCGGCCACGGGTCCCGACGCGACAGTGGGCGGGCCAGCG
 CCGACCCCGCTGCTGCCCCCTCGGCCACAGCCTCGGTCAAGATGGAGCCAGAGAACAAG
 TACCTGCCGAACACTATGGCCGAGAAGGACTCGCTCGACCCGCTTCACTCACGCCATG
 CAGCTGCTGACGGCAGAAATTGAGAAGATTCAGAAAGGAGACTCAAAAAAGGATGATGAG
 GAGAATTACTGGATTTATTTCTCATAAGAACATGAACTGAAAGAGCGAGTGTGATA
 CCTGTCAAGCAGTATCCAAGTTCAATTTGTGGGAAGATTCTTGACCACAAGGGAAT
 ACAATCAAAGACTGCAGGAAGAGACTGGTGCAAAGATCTCTGTATTGGAAAGGGCTCA
 ATGAGAGACAAAGCCAAGGAGGAAGAGCTGCGCAAAGGTGGAGACCCAAATATGCCAC
 TTGAATATGGATCTGCATGTCTTCAATTGAAGTCTTTGGACCCCATGTGAGGCTTATGCT
 CTATGGCCCATGCCATGGAGGAAGTCAAGAAATTTCTAGTACCGGATATGATGGATGAT
 ATCTGTCAGGAGCAATTTCTAGAGCTGTCTACTTGAATGGAGTACCTGAACCCCTCTCGT
 GGACGTGGGGTGCCAGTGAGAGGCCGGGGAGCTGCACCTCCTCCACCACCTGTTCCCAAG
 GGCCGTGGTGTGGACCCTCGGGGGCTTTGGTACGTGGTACACCAGTAAGGGGAGCC
 ATCACCAGAGGTGCCACTGTGACTCGAGGCGTCCACCCCACTACTGTGAGGGGTGCT
 CCAGCACCAAGAGCACGGACAGCGGGCATCCAGAGGATACCTTTGCCTCCACCTCCTGCA
 CCAGAAACATATGAAGAATATGGATATGATGATACATACGCAGAACAAAGTTACGAAGGC
 TACGAAGGCTATTACAGCCAGAGTCAAGGGGACTCAGAATATTAGACTATGGACATGGG
 GAGGTTCAAGATTCTTATGAAGCTTATGGCCAGGACGACTGGAATGGGACCAGGCCGTCG
 CTGAAGGCCCTCCTGCTAGGCCAGTGAAGGGAGCATACAGAGAGCACCCATATGGACGT
 TATTA AAAACAAACATGAGGGGAAAATATCAGTTATGAGCAAAGTTGTTACTGATTTCTT
 GTATCTCCAGGATTCCTGTTGCTTTACCCACAACAGACAAGTAATTGTCTAAGTGT
 TCTTCGTGGTCCCTTCTTCTCCACCTTATTCCATTCTTAAGTCTGCATTCTGGCTTC
 TGTATGTAGATTTTTAAATGAGTTAAATAGATTTAGGAATATTGAATTAATTTTTTAA
 GTGTGTAGATGCTTTTTCTTTGTTGTTAAATATAAACAGAAGTGTACCTTTTATAATA
 AAAAAAGAAGTTGAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_006559

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_006559.1](#), [NP_006550.1](#)

RefSeq Size: 2685 bp

RefSeq ORF: 1332 bp

Locus ID: 10657

UniProt ID: [Q07666](#)

Cytogenetics: 1p35.2

Domains: KH

Protein Families: Transcription Factors

Gene Summary: This gene encodes a member of the K homology domain-containing, RNA-binding, signal transduction-associated protein family. The encoded protein appears to have many functions and may be involved in a variety of cellular processes, including alternative splicing, cell cycle regulation, RNA 3'-end formation, tumorigenesis, and regulation of human immunodeficiency virus gene expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]

Transcript Variant: This variant (1) encodes the longer isoform (1).