

## Product datasheet for **SC126391**

### **SAM68 (KHDRBS1) (BC019109) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SAM68 (KHDRBS1) (BC019109) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAM68
Synonyms:	FLJ34027; GAP-associated tyrosine phosphoprotein p62 (Sam68); KH domain containing, RNA binding, signal transduction associated 1; OTTHUMP00000004022; p62; Sam68
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for BC019109 edited  
 CTCGGGTCGGCTTCGGTTCGCTACCGCTCCCGCTCTGCCACCCCGCCAACCGCCGCTCGG  
 GCCTCCGTGCTGCCGCTCGCTTTCTCGCTCCTTGGATCGCACATCCTCCCAGATGCAG  
 CGCCGGGACGACCCCGCCGCGCATGAGCCGGTCTTCGGGCCGTAGCGGCTCCATGGAC  
 CCCTCCGGTGCCACCCCTCGGTGCGTCAGACGCCGTCTCGGCAGCCGCCGCTGCCTCAC  
 CGGTCCCGGGGAGGCGGAGGGGGATCCCGCGGGGGCGCCCGGGCTCGCCCGCCACGCAG  
 CCGCCACCGCTGCTGCCGCCCTCGGCCACGGGTCCCGACGCGACAGTGGGCGGGCCAGCG  
 CCGACCCCGCTGCTGCCCCCTCGGCCACAGCCTCGGTCAAGATGGAGCCAGAGAACAAG  
 TACCTGCCGAACATCATGGCCGAGAAGGACTCGCTCGACCCGCTTCACTCACGCCATG  
 CAGCTGCTGACGGCAGAAATTGAGAAGATTCAGAAAGGAGACTCAAAAAAGGATGATGAG  
 GAGAATTACTTGGATTTATTTCTCATAAGAACATGAACTGAAAGAGCGAGTGTGATA  
 CCTGTCAAGCAGTATCCCAAGTTCAATTTGTGGGGAAGATTCTTGACCACAAGGGAAT  
 ACAATCAAAGACTGCAGGAAGAGACTGGTGCAAAGATCTCTGTATTGGAAAGGGCTCA  
 ATGAGAGACAAAGCCAAGGAGGAAGAGCTGCGCAAAGGTGGAGACCCCAATATGCCAC  
 TTGAATATGGATCTGCATGTCTTATTGAAGTCTTTGGACCCCATGTGAGGCTTATGCT  
 CTTATGGCCCATGCCATGGAGGAAGTCAAGAAATTTCTAGTACCGGATATGATGGATGAT  
 ATCTGTCAGGAGCAATTTCTAGAGCTGTCTACTTGAATGGAGTACCTGAACCCCTCTCGT  
 GGACGTGGGGTGCCAGTGAAGGCCGGGGAGCTGCACCTCCTCCACCACCTGTTCCCAAGG  
 GGCCGTGGTGTGGACCACCTCGGGGGCTTTGGTACGTGGTACACCAGTAAGGGGAGCC  
 ATCACCAGAGGTGCCACTGTGACTCGAGGCGTCCACCCCACTACTGTGAGGGGTGCT  
 CCAGCACCAAGAGCAGGACAGCGGGCATCCAGAGGATACCTTTGCCTCCACCTCCTGCA  
 CCAGAAACATATGAAGAATATGGATATGATGATACATACGAGAAACAAAGTTACGAAGGC  
 TACGAAGGCTATTACAGCCAGAGTCAAGGGGACTCAGAATATTGACTATGGACATGGG  
 GAGGTTCAAGATTCTTATGAAGCTTATGGCCAGGACGACTGGAATGGGACCAAGCCGTCG  
 CTGAAGGCCCTCCTGCTAGGCCAGTGAAGGGAGCATACAGAGAGCACCCATATGGACGT  
 TATTA AAAACAAACATGAGGGGAAAATATCAGTTATGAGCAAAGTTGTTACTGATTTCTT  
 GTATCTCCAGGATTCCTGTTGCTTTACCCACAACAGACAAGTAATTGTCTAAGTGT  
 TCTTCGTGGTCCCCTTCTTCCCACCTTATTCCATTCTTAACCTGCATTCTGGCTTC  
 TGTATGTAGATTTTTAAATGAGTTAAATAGATTTAGGAATATTGAATTAATTTTTTAA  
 GTGTGTAGATGCTTTTTCTTTGTTGTTTAAATATAAACAGAAGTGTACCTTTTATAATA  
 AAAAAAGAAGTTGAGTAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC019109 unedited  
 NGGCCGTTTCGGATATTTGTATACGACTACTATAGGGCGCCGGAATTCGCACGAGGC  
 TCGGGTTCGGCTTCGGTTCGCTACCGCTCCCGCTCTGCCACCCCGCCAACCGCCGCTCGGG  
 CCTCCGTGCTGCCGCTCGCTTTCTCGCTCCTTGGATCGCACATCCTCCCAGATGCAGC  
 GCCGGGACGACCCCGCCGCGCATGAGCCGGTCTTCGGGCCGTAGCGGCTCCATGGACC  
 CCTCCGGTGCCACCCCTCGGTGCGTCAGACGCCGTCTCGGCAGCCGCCGCTGCCTCACC  
 GGTCCCGGGGAGGCGGAGGGGGATCCCGCGGGGGCGCCCGGGCTCGCCCGCCACGCAGC  
 CGCCACCCTGCTGCCGCCCTCGGCCACGGTCCCGACGCGACAGTGGGCGGGCCAGCGC  
 CGACCCCGCTGCTGCCCCCTCGGCCACAGCCTCGGTCAAGATGGAGCCAGAGAACAAGT  
 ACCTGCCGAACATCATGGCCGAGAAGGACTCGCTCGACCCGCTCTCACTCACGCCATGC  
 AGCTGCTGACGGCAGAAATTGAGAAGATTCAGAAAGGAGACTCAAAAAAGGATGATGAGG  
 AGAATTACTTGGATTTATTTCTCATAAGAACATGAACTGAAAGAGCGAGTGTGATAC  
 CTGTCAAGCAGTATCCCAAGTTCAATTTGTGGGGAAGATTCTTGACCACAAGGGAATA  
 CAATCAAAGACTGCAGGAAGAGACTGGTGCANAGATCTCTGTATTGGGAAAGGGCTCAA  
 TGAGAGACAAAGCCAAGGAGGAAGAGCTGCGCANAGGTGGAGACNCCCAATATGCCCACT  
 TTGATATGGATCTGCATGGTCTCATTGGAGTCTTGGNACCCCATGTGAGGCGTATGCTC  
 TTATGGGCCAN

**Restriction Sites:** Please inquire

**ACCN:** BC019109

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC019109.2</a> , <a href="#">AAH19109.1</a>
<b>RefSeq Size:</b>	1775 bp
<b>Locus ID:</b>	10657
<b>Cytogenetics:</b>	1p35.2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	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]