

Product datasheet for **RN214897**

Sh3kbp1 (NM_053360) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3kbp1 (NM_053360) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sh3kbp1
Synonyms:	CIN85; Seta
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214897 representing NM_053360
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGGAGGCCATAGTGGAGTTTGATTACCAGGCCAGCATGATGATGAGCTGACGATCAGCGTGGGTG
 AGGTCATACCAACATCAGGAAGGAGGATGGAGGCTGGTGGGAGGGACAGATCAACGGCAGGAGAGGTTT
 GTTCCCTGACAACCTTTGTAAGAGAAATAAAGAAGGATGTGAAGAAAGACCTTCTCTCTAACAAGCTCCT
 GAGAAGCCATGCATGATGTGTCCAGTGGAAACTTTTGTCTTCTCTGAAACCTTTTAAAGAACCAATA
 AACGAGGAGAGCGACGGAGACGCCGATGCCAGGTGGCGTTCAGCTACCTGCCTCAGAATGACGATGAGCT
 TGAGCTGAAAGTCGGGGACATCATAGAGGTTGTAGGAGAGGTGGAGGAAGGATGGTGGGAAGGCGTACTC
 AATGGGAAGACTGGAATGTTTCTTCCAACCTTCATCAAGGAGCTGTCAGGGGAGTCGGATGAGCTTGGCA
 TTTCCAGGATGAGCAGCTTCCAAGTCAAGCTTAAGAGAAACCACAGGCTCCGAGAGTGATGGAGCGCA
 CTC AAGCAGTACCAAGTCTGAAGCGCCAATGGGACGGTGGCAACTGCAGCTATCCAGCCCAAGAAAGTT
 AAAGGAGTGGGGTTTGGAGATATTTTCAAAGACAAGCCAATTAACCTAAGACCAAGGTCGATTGAAGTGG
 AAAATGACTTCCTGCCTGTAGAAAAGACAATTGGGAAGAAGTTACCTCCAGCTACATCAACCCAGACCC
 ATCGAAAACAGAAATGGACAGCAGGACAAAAGCAAGGATTACTGCAAAGTAATATTTCCATATGAGGCA
 CAGAATGATGACGAATTGACAATCAAGGAAGGAGATATAGTGACTCTCATCAATAAGGACTGCATCGATG
 TAGGCTGGTGGGAAGGAGAGCTCAATGGCAGACGAGGAGTGTTCCTGACAACCTTCGTGAAGTTACTTCC
 GTCAGACTTCGACAAGGAAGGGAATAGACCCAAGAAGCCGCCACCTCCATCCGCTCCTGCATCAAAACA
 GGGGCAGGTACCACAGAGAGAAAAACATGAAATTAAGAAAGATACCTCCTGAAAGACCGGAAACACTTCCAA
 ACAGAACAGAAAGAGAAAGAACCCAGAGAGAGAGGCCAAAACCTGGATTTACAGAAGCCTTCTGTTCCCTGC
 CATCCCACCTAAAAAGCCTCGTCCACCTAAGACCAATTCTGAAACAGACCCGGTGTGTTGCCCCCAAGA
 AGACCCGAGCGACCAAGTGGGCCACTGACACACACCAGGGGTGACAGTTCAAAGATTGACTTGGCAGGCA
 GCACGCTCTCTGGCATCTTGATAAAGGACCTCTCAGACCCGACGAATGATATTGACCTAGAAGGTTTGA
 CTCCGTGATATCATCTACTGAAAAACTCAGCCACCCAACCACAAGCAGACCAAAAGCTACGGGAAGACGG
 CCTCCTTCTCAGTCGCTCACATCTTCTTCCCTTCAAGCCCTGATATCTTTGACTCCCAAGTCCCGAAG
 AAGATAAAGAGGAACACATTTGCTTGGCAGCAGAGGAATAGACGTGTCAAAGAAGACTTCCAGAAGTGT
 TACCATATCCCAAGTGTCTGATAACAAGGCTTCCCTGCCACCAAGCCAGGGACCATGGCAGCTGCCAGC
 AGTGGGCCAGCCTCTCTCTTTCAGTGGCTTCCCTCCCATGTATCCTCTTTGGGAACAGCTGGACAAC
 GAGCCAGTTCTCCATCTCTGTTACGCGCAGAAGGAAAAGCAAAGACGGAGTCTGCAAGTGAAGCAGCCAGGC
 TGCCATCGAGGAGCTCAAGATGCAAGTCCGTGAGCTGAGAACCATCATCGAGACCATGAAGGACCAGCAG
 AAACGTGAGATTAAGCAGTTACTGTGCAATGGATGAAGAGAAAAAGATCCGGCTCCGATTGCAGATGG
 AGGTGAATGACATAAAGAAAGCTCTCCAATCAAAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053360
- Insert Size:** 1998 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_053360.2](#), [NP_445812.1](#)

RefSeq Size: 3310 bp

RefSeq ORF: 1998 bp

Locus ID: 84357

UniProt ID: [Q925Q9](#)

Cytogenetics: Xq14

Gene Summary: binds apoptosis-linked gene 2 (ALG-2) interacting protein 1; involved in regulation of apoptosis in astrocytes [RGD, Feb 2006]