

Product datasheet for **SC321561**

BASP1 (NM_006317) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | BASP1 (NM_006317) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | BASP1 |
| Synonyms: | CAP-23; CAP23; NAP-22; NAP22 |
| 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_006317.3
 CGGCGACGACGGCGGGCAGCGCTCCAAGTGGCTCCTCGCTCCGGGCTCCGCCGTCGAG
 CCGGGAGAGACCTCCGCCAGCGGCCAGGCACCAGCCAGACGACGCCAGCGACCCCGGCC
 TCTCGGCGGCACCAGCGCTAACTCAGGGGCTGCATAGGCACCCAGAGCCGAACTCCAAGAT
 GGGAGGCAAGCTCAGCAAGAAGAAGAAGGGCTACAATGTGAACGACGAGAAAGCCAAGGA
 GAAAGACAAGAAGGCCGAGGGCGCGGACGGAAGAGGAGGGGACCCCGAAGGAGAGTGA
 GCCCAGGCGGCCGAGAGCCCGCGAGGCCAAGGAGGGCAAGGAGAAGCCCGACCAGGA
 CGCCGAGGGCAAGGCCGAGGAGAAGGAGGGCGAGAAGGACGCGCGGCTGCCAAGGAGGA
 GGCCCGAAGGCCGAGCCGAGAAGACGAGGGCGCGGAGAGGCCAAGGCTGAGCCCCC
 GAAGGCGCCGAGCAGGAGCAGGCGGCCCGGCCCGCTGCGGGCGGCGAGGCCCCAA
 AGCTGCTGAGGCCCGCGGCCCGGCCGAGAGCGCGGCCCTGCCGCCGGGAGGAGCC
 CAGCAAGGAGGAAGGGGAACCCAAAAAGACTGGGGCGCCCGCAGCTCCTGCCGCCAGGA
 GACCAAAAGTGACGGGGCCCGAGCTTCAGACTCAAACCCGGCAGCTCGGAGGCTGCCCC
 CTCTTCCAAGGAGACCCCGCAGCCACGGAAGCGCCTAGTTCCACACCCAAGGCCAGGG
 CCCCAGCAGCTCTGCAGAAGAGCCCAAGCCGGTGGAGGCCCGCAGCTAATTCCGACCA
 AACCGTAACCGTAAAGAGTGACAAGGACAGCCTATAGGAAAAACAATACCACTTAAAAAC
 AATCT
 CT
 CT
 TGTATTGCCCAAGGAAAAATACAGGATGTTGTCCCATCAAGGGAGGGAGGGGGTGGGAGA
 ATCCAAATAGTATTTTTGTGGGAAATATCTAATATACCTTCAGTCAACTTTACCAAGAA
 GTCCTGGATTTCCAAGATCCGCGTCTGAAAGTGCAGTACATCGTTTTGTACCTGAAACTGC
 CGCCACATGCACTCCTCCACCGCTGAGAGTTGAATAGCTTTTCTCTGCAATGGGAGTTG
 GGAGTGATGCGTTTGATTCTGCCACAGGGCCTGTGCCAAGGCAATCAGATCTTTATGAG
 AGCAGTATTTTTCTGTGTTTTCTTTTTAATTTACAGCCTTTCTTATTTTGATATTTTTTTA
 ATGTTGTGGATGAATGCCAGCTTTCAGACAGAGCCCACTTAGCTTGCCACATGGATCTC
 AATGCCAATCCTCCATTCTCTCTCCAGATATTTTTGGGAGTGACAAACATTCTCTCAT
 CCTACTTAGCCTACCTAGATTTCTCATGACGAGTTAATGCATGTCGCGGTTGGGTGCAC
 CTGTAGTCTGTTTATTGGTCAGTGAAATGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_006317

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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.

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| 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_006317.3</u> , <u>NP_006308.3</u> |
| RefSeq Size: | 1820 bp |
| RefSeq ORF: | 684 bp |
| Locus ID: | 10409 |
| UniProt ID: | <u>P80723</u> |
| Cytogenetics: | 5p15.1 |
| Gene Summary: | <p>This gene encodes a membrane bound protein with several transient phosphorylation sites and PEST motifs. Conservation of proteins with PEST sequences among different species supports their functional significance. PEST sequences typically occur in proteins with high turnover rates. Immunological characteristics of this protein are species specific. This protein also undergoes N-terminal myristoylation. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Oct 2012]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.</p> |