

## Product datasheet for **SC333069**

### **BASP1 (NM\_001271606) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** BASP1 (NM\_001271606) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** BASP1  
**Synonyms:** CAP-23; CAP23; NAP-22; NAP22  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333069 representing NM\_001271606.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGGAGGCAAGCTCAGCAAGAAGAAGAAGGGCTACAATGTGAACGACGAGAAAGCCAAGGAGAAAGAC
AAGAAGGCCGAGGGCGCGGACGGAAGAGGGGACCCGAAGGAGAGTGAGCCCCAGGCGGCCGCA
GAGCCCGCAGGCAAGGAGGGCAAGGAGAAGCCGACCAGGACGCCGAGGGCAAGGCCGAGGAGAAG
GAGGGCGAGAAGGACGCGGCGGCTGCCAAGGAGGAGGCCCGAAGGCGGAGCCCGAGAAGACGGAGGGC
GCGGCAGAGGCCAAGGCTGAGCCCCGAAGGCGCCGAGCAGGAGCAGGGCCCGCCCGCCGCTGCCG
GGCGGCGAGGCCCAAGCTGCTGAGGCCGCGCGGCCCGGCGGAGAGCGCGGCCCTGCCGCCGGG
GAGGAGCCAGCAAGGAGGAAGGGAACCCAAAAGACTGAGGCGCCCGCAGCTCCTGCCGCCAGGAG
ACCAAAAGTGACGGGGCCCCAGCTTCAGACTCAAACCCGGCAGCTCGGAGGCTGCCCCCTTCCAAG
GAGACCCCGCAGCCACGGAAGCGCCTAGTTCCACACCCAAGGCCAGGGCCCGCAGCCTCTGCAGAA
GAGCCCAAGCCGTTGGAGGCCCGGCGAGCTAATTCCGACCAAACCGTAACCGTGAAGAGTGA
```

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001271606  
**Insert Size:** 684 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).



[View online »](#)

**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\\_001271606.1](#)

**RefSeq Size:** 1727 bp

**RefSeq ORF:** 684 bp

**Locus ID:** 10409

**UniProt ID:** [P80723](#)

**Cytogenetics:** 5p15.1

**MW:** 22.7 kDa

**Gene Summary:** 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]  
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.