

## Recombinant Human BASP1 Protein, His-tagged

**Cat. No.** BASP1-296H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BASP1 Protein (Gly11-Glu227) with N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly11-Glu227
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 25.3 kDa Accurate Molecular Mass: 50 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">BASP1 brain abundant, membrane attached signal protein 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">BASP1</a>
<b>Synonyms</b>	BASP1; brain abundant, membrane attached signal protein 1; brain acid soluble protein 1; CAP 23; CAP23; NAP 22; NAP22; brain acid-soluble protein 1; neuronal axonal membrane protein NAP-22; neuronal tissue-enriched acidic protein; 22 kDa neuronal tissue-enriched acidic protein; CAP-23; NAP-22; MGC8555
<b>Gene ID</b>	<a href="#">10409</a>
<b>mRNA Refseq</b>	<a href="#">NM_006317</a>
<b>Protein Refseq</b>	<a href="#">NP_006308</a>

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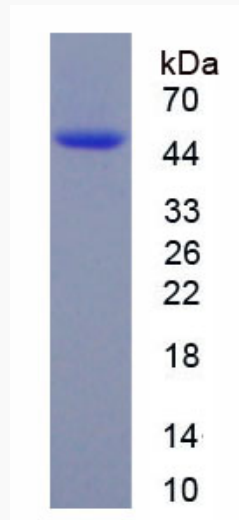
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MIM 605940

UniProt ID P80723



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