

Recombinant Human BASP1 Protein, His-tagged

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

SPECIFICATION

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

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	BASP1 brain abundant, membrane attached signal protein 1 [Homo sapiens (human)]
Official Symbol	BASP1
Synonyms	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
Gene ID	10409
mRNA Refseq	NM_006317
Protein Refseq	NP_006308

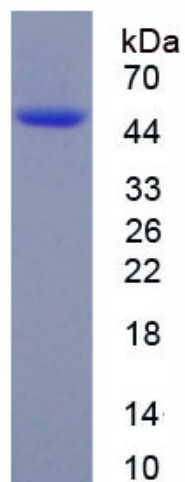
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MIM	605940
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UniProt ID	P80723
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