

Recombinant Human BASP1, GST-tagged

Cat. No. BASP1-10139H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human BASP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 1-227a.a.

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.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	BASP1 brain abundant, membrane attached signal protein 1 [Homo sapiens]
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
MIM	605940
UniProt ID	P80723
Chromosome Location	5p15.1
Function	protein binding; protein domain specific binding; transcription corepressor activity; transcription regulatory region DNA binding;

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