

Recombinant Human BASP1, His-tagged

Cat. No. BASP1-7256H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human BASP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
description	BASP1 is 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.
source	E. coli
species	Human
tag	His
form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol.
molecular mass	25 kDa (250aa)
aa sequence	MGSSHHHHHH SSGLVPRGSH MGSMGGKLSK KKKGYNVNDE KAKEKDKKAE GAATEEEGTP KESEPQAAAE PAEAKEGKEK PDQDAEGKAEKEGEKDAAA

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AKEEAPKAEP EKTEGAAEAK AEPPKAPEQE QAAPGPAAGG EAPKAAEAAA
 APAESAAPAA GEEPSKEEGE PKKTEAPAAP AAQETKSDGA PASDSKPGSS
 EAAPSSKETP AATEAPSSTP KAQGPAASAE EPKPVEAPAA NSDQTVTVKE

purity >95% by SDS - PAGE

applications SDS-PAGE

storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

concentration 0.25 mg/ml

GENE INFORMATION

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](#)

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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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