

Product datasheet

Recombinant Human BASP1 protein ab140056

1 Image

Description

Product name	Recombinant Human BASP1 protein
Purity	> 95 % SDS-PAGE. ab140056 was purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P80723</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SGLVPRGSH MGSMGGKLSK KKKGYNVNDE KAKEKDKKAE GAATEEEGTP KESEPQAAA E PAEAKEGKEK PDQDAEGKAE EKEGEKDAAA AKEEAPKAEP EKTEGAAEAK AEPKKAPEQE QAAPGPAAGG EAPKAAEAAA APAESAAPAA GEEPSKEEGE PKKTEAPAAP AAQETKSDGA PASDSKPGSS EAAPSSKETP AATEAPSSTP KAQGPAASAE EPKPVEAPAA NSDQTVTVE
Predicted molecular weight	25 kDa including tags
Amino acids	1 to 227
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab140056** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

General Info

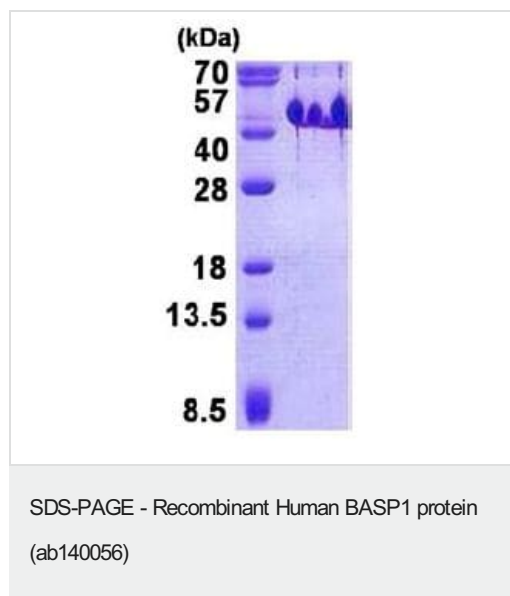
Relevance

BASP1 is a brain abundant membrane bound protein with several transient phosphorylation sites and PEST motifs. BASP1 binds calmodulin, is phosphorylated by protein kinase C and undergoes N-terminal myristoylation. BASP1 is expressed specifically in nervous tissue. Intercellular signaling and nerve outgrowth are influenced by a number of proteins expressed at nerve endings and synapses of which BASP1 is one.

Cellular localization

Cell membrane; Lipid-anchor. Cell projection; growth cone. Note: Associated with the membranes of growth cones that form the tips of elongating axons.

Images



15% SDS-PAGE analysis of ab140056 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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