

Recombinant human BASP1 protein

Catalog Number: ATGP1956

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-227aa

UniProt No.

P80723

NCBI Accession No.

NP_006308

Alternative Names

Brain acid soluble protein 1, Brain acid soluble protein 1, CAP-23, CAP23, NAP-22, NAP22

PRODUCT SPECIFICATION

Molecular Weight

25.1 kDa (250aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.25mg/ml (determined by BCA assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human BASP1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant human **BASP1** protein

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Amino acid Sequence

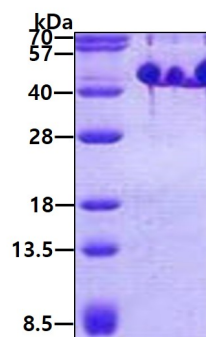
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EPKPVEAPAA NSDQTVTVKE

General References

Carpenter B, Hill KJ, et al. (2004). Mol Cell Biol. 24(2):537-49.
Mosevitsky MI, Capony JP, et al. (1997). Biochimie. 79(6):373-84.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.