

## Product datasheet for **AR50780PU-S**

### **BASP1 (1-227, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	BASP1 (1-227, His-tag) human recombinant protein, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMGGKLSK KKKGYNVNDE KAKEKDKKAE GAATEEEGTP KESEPQAAAE PAEAKGKKEK PDQDAEGKAE EKEGEKDAAA AKEEAPKAEP EKTEGAAEAK AEPKAPPEQE QAAPGPAAGG EAPKAAEAAA APAESAAPAA GEEPSKEEGE PKKTEAPAAP AAQETKSDGA PASDSKPGSS EAAPSSKETP AATEAPSSTP KAQGPAASAE EPKPVEAPAA NSDQTVTVKE
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	25 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol.
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human BASP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001258535</a>
<b>Locus ID:</b>	10409
<b>UniProt ID:</b>	<a href="#">P80723</a>
<b>Cytogenetics:</b>	5p15.1
<b>Synonyms:</b>	CAP-23; CAP23; NAP-22; NAP22



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**Summary:**

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. [provided by RefSeq, Oct 2012]

**Product images:**