Full-Length
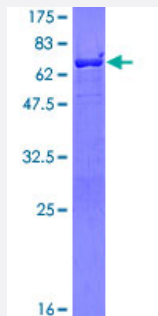
BASP1 (Human) Recombinant Protein (P01)

Catalog #   H00010409-P01   Size   25 ug, 10 ug

Applications

Specification

Product Description	Human BASP1 full-length ORF (NP_006308.3, 1 a.a. - 227 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGGKLSKKKKGYNVNDEKAKEKDKKAEGAATEEEGTPKESEPQAPAEPAEAKEGKEKPDQDA EGKAEEKEGEKDAAAAKEEAPKAEPEKTEGAAEAKAEPPKAPEQEQAAPGPLRGGEAPKAAE AAAGPRPRAAPAAGEEPSKEEGEPKKTEAPAAPAAQETKSDGAPASDSKPGSSEAAPSSKET PAATEAPSSTPKAQGPAASAEEPKPVEAPAANSDQTVTVKE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.6
Interspecies Antigen Sequence	Mouse (68); Rat (62)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)

- Antibody Production

- Protein Array

Gene Info — BASP1

Entrez GeneID	10409
GeneBank Accession#	NM_006317.1
Protein Accession#	NP_006308.3
Gene Name	BASP1
Gene Alias	CAP-23, CAP23, MGC8555, NAP-22, NAP22
Gene Description	brain abundant, membrane attached signal protein 1
Omim ID	605940
Gene Ontology	Hyperlink
Gene 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. [provided by RefSeq
Other Designations	brain acid-soluble protein 1|neuronal axonal membrane protein NAP-22|neuronal tissue-enriched acidic protein