
Product Data Sheet

Product Name: BASP1 Human
 Cat. No.: GP22837
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CAP-23; CAP23; NAP-22; NAP22; Brain acid soluble protein 1; BASP1; BASP1 Human; 22 kDa neuronal tissue-enriched acidic protein; Neuronal axonal membrane protein NAP-22.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGGKLSK KKKGYNVNDE KAKEKDCKAE GAATEEEGTP KESEPQAAAE PAEAKGKKEK PDQDAEGKAE EKEGKDA AKEEAPKAEP EKTEGAAEAK AEPPKAPEQE QAAPGPAAGG EAPKAAEAAA APAESAAPAA GEEPSKEEGE PKKTEAPAAP AAQETKSDGA PASDSKPGSS EAAPSSKETP AATEAPSSTP KAQGPAASAE EPKPVEAPAA NSDQTVTVKE.		
Formulation	The BASP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl and 20% glycerol.		

Introduction

Brain Abundant Membrane Attached Signal Protein 1 (BASP1) is a membrane bound protein with numerous transient phosphorylation positions and PEST motifs. Preservation of proteins with PEST sequences amongst diverse species supports their functional significance. PEST sequences take place in proteins with high turnover rates. Immunological attributes of this protein are species specific. BASP1 undergoes N-terminal myristoylation.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

BASP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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chain containing 250 amino acids (1-227) and having a molecular mass of 25 kDa (Molecular size on SDS-PAGE will appear higher). BASP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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