

Brain Abundant Membrane Attached Signal Protein 1 Human Recombi-

Item Number	rAP-3901
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.
Description	BASP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide 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 chromatography.
Uniprot Accession Number	P80723
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MGSMGGKLSK KKKGYNVNDE KAKEKDKKAE GAATEEEGTP KESE-PQAAAE PAEAKEGKEK PDQDAEGKAE EKEGKDAAA AKKEAPKAEP EKTEGAAEAK AEPKKAPEQE QAAPGPAAGG EAPKAAEAAA APAESAAPAA GEEPSKEEGE PKKTEAPAAP AAQETKSDGA PASDSKPGSS EAAPSSKETP AATEAPSSTP KAQGPAASAE EPKPVEAPAA NSDQTVTVKE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The BASP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl and 20% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**