



# Recombinant Human Brain acid soluble protein 1 (BASP1)

<b>Product Code</b>	CSB-EP002562HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P80723
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	GGKLSK KKK GYNVNDEKAK EKDKKAEGAA TEEEGTPKES EPQAAAEPAE AKEGKEKPDQ DAEGKAEKE GEKDAAAAKE EAPKAEPEKT EGAAEAKAEP PKAPEQEQAA PGPAAGGEAP KAAEAAAAPA ESAAPAAGEE PSKEEGEPKK TEAPAAPAAQ ETKSDGAPAS DSKPGSSEAA PSSKETPAAT EAPSSTPKAQ GPAASAEPEK PVEAPAANSQ QTVTVKE
<b>Source</b>	E.coli
<b>Target Names</b>	BASP1
<b>Protein Names</b>	Recommended name: Brain acid soluble protein 1 Alternative name(s): 22 kDa neuronal tissue-enriched acidic protein Neuronal axonal membrane protein NAP-22
<b>Expression Region</b>	2-227
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.