

Human BASP1, C-His Tag Protein

HA211244



Product name:	Human BASP1, C-His Tag
Species reactivity:	Human
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the human BASP1 (P80723-1) (Gly 2-Glu 227) was expressed with a His tag at the C-terminus.

Background: BASP1 is a brain abundant membrane bound protein with several transient phosphorylation sites and PEST motifs. BASP1 binds calmodulin, is phosphorylated by protein kinase C and undergoes N-terminal myristoylation. BASP1 is expressed specifically in nervous tissue. Intercellular signaling and nerve outgrowth are influenced by a number of proteins expressed at nerve endings and synapses of which BASP1 is one.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per µg by the LAL method.

Fragment region: BASP1 (2-227)

Source: HEK293

Accession: P80723-1

Predicted molecular mass: 24.4 kD

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 µg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

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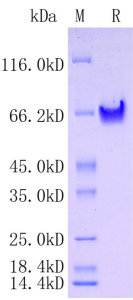


Fig1: Protein on SDS-PAGE under reducing (R) condition.

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