Recombinant Mouse Bsn Protein, His-tagged

Cat. No. Bsn-329M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Bsn Protein (Asp3713-Trp3942) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp3713-Trp3942
Description	A structural constituent of presynaptic active zone. Involved in presynapse to nucleus signaling pathway; protein localization to synapse; and regulation of synaptic vesicle cycle. Located in several cellular components, including glutamatergic synapse; postsynaptic density; and presynaptic active zone cytoplasmic component. Is active in GABA-ergic synapse and Schaffer collateral - CA1 synapse. Is expressed in nervous system and retina. Used to study epilepsy. Orthologous to human BSN (bassoon presynaptic cytomatrix protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27 kDa Accurate Molecular Mass: 33 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Bsn bassoon [Mus musculus (house mouse)]
Official Symbol	Bsn
Synonyms	Bsn; bassoon; protein bassoon; presynaptic cytomatrix protein
Gene ID	12217
mRNA Refseq	NM_007567
Protein Refseq	NP_031593
UniProt ID	O88737

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA