

For Research Use Only

BSN Recombinant monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number:87031-1-PBS



Basic Information

Catalog Number: 87031-1-PBS	GenBank Accession Number: NM_003458	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 8927	CloneNo.: 252130E12
Isotype: IgG	UNIPROT ID: Q9UPA5	
Immunogen Catalog Number: AG33105	Full Name: bassoon (presynaptic cytomatrix protein)	
	Calculated MW: 416 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

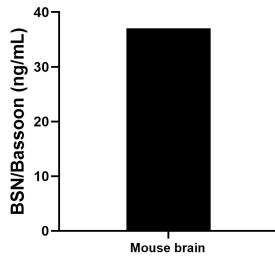
T: 4006900926

E: Proteintech-CN@ptglab.com

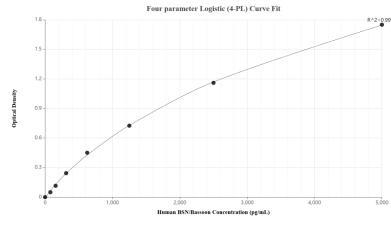
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

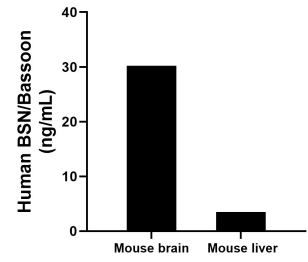
Selected Validation Data



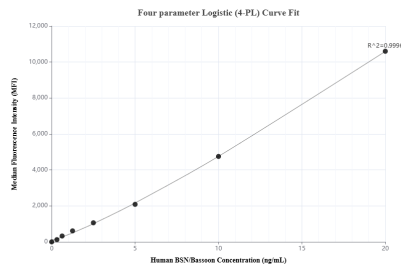
The mean BSN/Bassoon concentration was determined to be 37.0 ng/mL in mouse brain tissue extract based on a 6.2 mg/mL extract load.



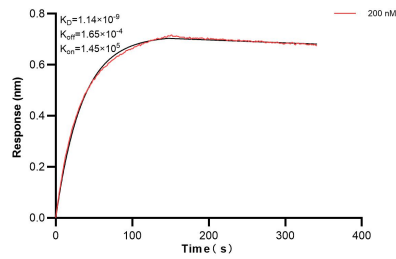
Sandwich ELISA standard curve of MP02837-2, Human BSN/Bassoon Recombinant Matched Antibody Pair - PBS only. 87031-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag33105. 87031-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean BSN/Bassoon concentration was determined to be 30.2 ng/mL in mouse brain tissue extract based on a 6.3 mg/mL extract load, 3.5 ng/mL in mouse liver tissue extract based on a 4.4 mg/mL extract load.



Cytometric bead array standard curve of MP02837-1, BSN/Bassoon Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87031-2-PBS. Detection antibody: 87031-1-PBS. Standard: Ag33105. Range: 0.312-20 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 87031-1-PBS against Human BSN was performed. The affinity constant is 1.14 nM.