

Spectrin Beta Recombinant Protein | SPTbN4 recombinant protein

Recombinant Spectrin Beta, Non Erythrocytic 4 (SPTbN4)

CATALOG # AAA144051	HOST E. coli	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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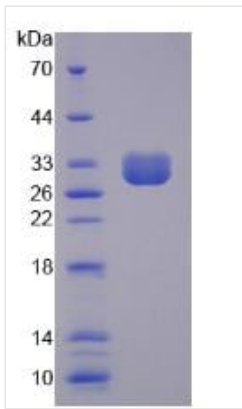
PRODUCT SYNONYMS

Spectrin Beta; Recombinant Spectrin Beta; Non Erythrocytic 4 (SPTbN4); SPTbN4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Human
Purity/Purification	>98%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Concentration	Original Concentration: 200µg/mL (varies by lot)
Applicable Applications for SPTbN4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Lys64~Ser285
Tags	N-terminal His-Tag
Tissue Specificity	Brain
Subcellular Location	Cytoplasm, Cytoskeleton
Traits	Freeze-dried powder
Predicted isoelectric point	8.6
Predicted Molecular Mass	29.5kDa
Accurate Molecular Mass	30kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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°C 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.

IMAGES



Sequence

KKTFTKW VNSHLARVGC HIGDLYVDLR DGFVLTRLLE
VLSGEQLPRP TRGRMRIHSL ENVDKALQFL KEQRVHLENV GSHDIVDGNH
RLTLGLVVTI ILRFQIQVIK IETEDNRETR SAKDALLWC QMKTAGYPEV
NIQNFTTSWR DGLAFNALIH RHRPDLVDFS KLTKSNNYNN LQRAFRTAEQ
HLGLARLLDP EDVNMEAPDE KSIITYVVSF YHYFS

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	568255297
NCBI Official Full Name	spectrin beta
UniProt Protein Name	Spectrin beta
UniProt Gene Name	AND_004159
UniProt Entry Name	W5JMH0_ANODA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/and-004159-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144051>