

Spectrin beta chain, brain 1 (Sptbn1) Recombinant Protein | Sptbn1 recombinant protein

Recombinant Mouse Spectrin beta chain, brain 1 (Sptbn1) , partial

CATALOG # AAA117397	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Spectrin beta chain; brain 1 (Sptbn1); Recombinant Mouse Spectrin beta chain; partial; Sptbn1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2199-2304aa; Partial
Sequence	MEGFLNRKHE WEAHNKKASS RSWHNVCVI NNQEMGFYKD AKSAASGIPY HSEVPVSLKE AICEVALDYK KKKHVFKLRL SDGNEYLFQA KDDEEMNTWI QAISSA
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Sptbn1 recombinant protein	Spectrin is an actin crosslinking and molecular scaffold protein that links the plasma membrane to the actin cytoskeleton, and functions in the determination of cell shape, arrangement of transmembrane proteins, and organization of organelles. It is composed of two antiparallel dimers of alpha- and beta- subunits. This gene is one member of a family of beta-spectrin genes. The encoded protein contains an N-terminal actin-binding domain, and 17 spectrin repeats which are involved in dimer formation. Multiple transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117938334
NCBI GeneID	20742
NCBI Accession #	NP_033286.2
NCBI GenBank Nucleotide #	NM_009260.2
UniProt Accession #	Q62261; Q3TEM7; Q5SQL8; Q5SQL9; Q9QWJ7; A2AFU1
Molecular Weight	251,156 Da
NCBI Official Full Name	spectrin beta chain, non-erythrocytic 1 isoform 2
NCBI Official Synonym Full Names	spectrin beta, non-erythrocytic 1
NCBI Official Symbol	Sptbn1
NCBI Official Synonym Symbols	elf1; elf3; SPTB2; Spnb2; Spnb-2; AL033301; mKIAA4049; 9930031C03Rik
NCBI Protein Information	spectrin beta chain, non-erythrocytic 1

UniProt Protein Name	Spectrin beta chain, non-erythrocytic 1
UniProt Gene Name	Sptbn1
UniProt Synonym Gene Names	Elf; Spnb-2; Spnb2; Sptb2

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/sptbn1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117397>