

Spectrin alpha chain Recombinant Protein | SPTAN1 recombinant protein

Recombinant Human Spectrin alpha chain, non-erythrocytic 1

CATALOG # AAA114260	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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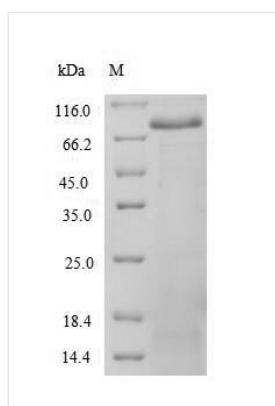
PRODUCT SYNONYMS

Spectrin alpha chain; Recombinant Human Spectrin alpha chain; non-erythrocytic 1; Alpha-II spectrin; Fodrin alpha chain; Spectrin; non-erythroid alpha subunit; SPTAN1 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	1-580aa; Partial
Sequence	MDPSGVKVL TAEDIQERRQ QVLDRYHRFK ELSTLRRQKL EDSYRFQFFQ RDAAEELEKWI QEKLQIASDE NYKDPTNLQG KLQKHQAFEV EVQANSQAIV KLDGTGNLMI SEGHFASETI RTRLMEHLHRQ WELLEKLMRE KGIKLLQAQK LVQYLRECE VMDWINDKEA IVTSEELGQD LEHVEVLQKK FEEFQTDMAA HEERVNEVNQ FAAKLIQEQH PEEELIKTKQ DEVNAAWQRL KGLALQRQGG LFGAAEVQRF NRDVDETISW IKEKEQLMAS DDFGRDLASV QALLRKHEGL ERDLAALEDK VKALCAEADR LQQSHPLSAT QIQVKREELI TNWEQIRTLA AERHARLNDY YRLQRFLADF RDLTSWVTEM KALINADELA SDVAGAEALL DRHQEHKGEI DAHEDSFKSA DESGQALLAA GHYASDEVRE KLTVLSEERA ALLELWELRR QQYEQCMDLQ LFYRDTEQVD NWMSKQEAFL LNEDLGDSL DVEALLKKHE DFEKSLSAQE EKITALDEFA TKLIQNNHYA MEDVATRRDA LLSRRNALHE RAMRRRAQLA DSFHLQQFFR
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SPTAN1 recombinant protein	Fodrin, which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.
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Product Categories/Family for SPTAN1 recombinant protein	Signal Transduction
References	"Generation of diversity in nonerythroid spectrins. Multiple polypeptides are predicted by sequence analysis of cDNAs encompassing the coding region of human nonerythroid alpha-spectrin." Moon R.T., McMahon A.P. J. Biol. Chem. 265:4427-4433(1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194595509
NCBI GeneID	6709
NCBI Accession #	NP_001123910.1
NCBI GenBank Nucleotide #	NM_001130438.2
UniProt Accession #	Q13813; Q13186; Q15324; Q16606; Q59EF1; Q5VXV5; Q5VXV6; Q7Z6M5; Q9P0V0
Molecular Weight	83.8 kDa
NCBI Official Full Name	spectrin alpha chain, non-erythrocytic 1 isoform 1
NCBI Official Synonym Full Names	spectrin alpha, non-erythrocytic 1
NCBI Official Symbol	SPTAN1
NCBI Official Synonym Symbols	NEAS; EIEE5; SPTA2
NCBI Protein Information	spectrin alpha chain, non-erythrocytic 1
UniProt Protein Name	Spectrin alpha chain, non-erythrocytic 1
UniProt Gene Name	SPTAN1
UniProt Synonym Gene Names	NEAS; SPTA2
UniProt Entry Name	SPTN1_HUMAN

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://www.aaabiotech.com/sptan1-recombinant-protein-e-coli/114260>