

Alpha-Fodrin (SPTAN1) Recombinant Protein | SPTAN1 recombinant protein

Recombinant Alpha-Fodrin (SPTAN1)

CATALOG # AAA134299	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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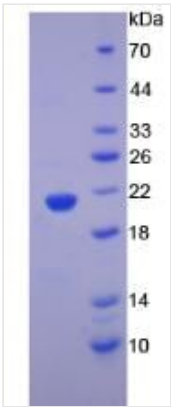
PRODUCT SYNONYMS

Alpha-Fodrin (SPTAN1); Recombinant Alpha-Fodrin (SPTAN1); SPTAN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	200ug/mL (varies by lot)
Sequence	TASDESYKDP TNIQLSKLLS KHQKHQAFEAL ELHANADRIR GVIDMGNSLI ERGACAGSED AVKARLAALA DQWQFLVQKS AEKSQKLKEA NKQQNFNTGI KDFDFWLSEV EALLASEDYG KDLASVNNLL KKHQLLEADI SAHEDRLKDL NSQADSLMTS SAFDTSQVKD
Applicable Applications for SPTAN1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Thr1573~Asp1742
Tags	N-Terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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

TASDESYK DPTNIQLSKL LSKHQKHQAF
EAE L HANADR IRGVIDMGNS LIERGACGS EDAVKARLAA LADQWQFLVQ
KSAEKSQKLK EANKQQNFNT GIKDFDFWLS EVEALLASED YGKDLASVNN
LLKKHQ LLEA DISAHEDRLK DLNSQADSLM TSSAFDTSQV KD

SDS-PAGE

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	Predicted Molecular Mass: 20.4kDa Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions.
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; alpha-fodrin; alpha-II spectrin; fodrin alpha chain; spectrin, non-erythroid alpha chain; spectrin, non-erythroid alpha subunit
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-wb-western-blot-sds-page-immunogen-positive-control/134299>