

Datasheet for ABIN7546273
SPICE1 Protein (AA 1-855) (His tag)



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Overview

Quantity:	1 mg
Target:	SPICE1
Protein Characteristics:	AA 1-855
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPICE1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SPICE1 Protein expressed in mammalian cells.
Sequence:	MSFVRVNRCG PRVGVKTPK VKKKKTSVKQ EWDNTVTDLT VHRATPEDLV RRHEIHKSKN RALVHWELQE KALKRKWRKQ KPETLNLEKR RLSIMKEILS DQYQMQDVLE KSDHLIAAAK ELFPRRRTGF PNVTVAPDSS QGPIVVNQDP ITQSIFNESV IEPQALNDVD GEEEGTVNSQ SGESENENEL DNSLNSQSNT NTDRFLQQLT EENFELISKL WTDIQQKIAT QSQITPPGTP SSALSSGEQR AALNATNAVK RLQTRLQPEE STETLDSSYV VGHVLNSRKQ KQLLNKVKRK PNLHALSKPK KNISGSTTS ADLPNRTNSN LDVLKHMIIHE VEHEMEEYER WTGREVKGLQ SSQGLTGFTL SLVSSLCLRV RYLKESEIQL RKEVETRQQL EQVLGDHREL IDALTAEILR LREENAATQA RLQQYMVTTD EQLISLTHAI KNCPVINNRQ EIQASESGAT GRRVMDSPER PVVNANVSVP LMFREEVAEF PQEELPVKLS QVPDPPDNMN LAKNFPAHIF EPAVLLTPPR QKSNLKFSP LQDVLRRTVQT RPAPRLPPTV EIIKEQNWE EKTLPIDTDI QNSSEENRLF TQRWRVSHMG EDLENKTQAP FVNLSQPLCN SHSNTQQSRS PTFSEELPVL GDGQQLRTNE SLIQRKDIMT RIADLTLQNS AIKAHMNNII EPRGEQGDGL RELNKQESAS DMTSTFPVAQ

Product Details

SLTPGSMEER IAEINRQSME ARGKLLQLIE QKLVGLNLS PPMSPVQLPL RAWTEGAKRT
IEVSIPGAEA PESSKCSTVS PVSGINTRRS SGATGNCSGP LNATSGSGRF TPLNPRAKIE
KQNEEGWFAL STHVS **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: SPICE1

Alternative Name: SPICE1 ([SPICE1 Products](#))

Background: Spindle and centriole-associated protein 1 (Coiled-coil domain-containing protein 52) (Spindle and centriole-associated protein),FUNCTION: Regulator required for centriole duplication, for proper bipolar spindle formation and chromosome congression in mitosis.
{ECO:0000269|PubMed:20736305}.

Molecular Weight: 96.3 kDa

Target Details

UniProt: [Q8N0Z3](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months