

Datasheet for ABIN7563853
NSP5 Protein (AA 1-1067) (His tag)



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Overview

Quantity:	1 mg
Target:	NSP5 (SPECC1)
Protein Characteristics:	AA 1-1067
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NSP5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Specc1 Protein expressed in mammalian cells.
Sequence:	MRSAAPWSP VAKAGSHGPD RTRPLPGTSPS GMKSSKSSTS LAFESRLSKL KRASSEDTLN KPGSASSGVA RLKKTSTSGA ISELTESRLR SNTGTIPTTK RTGIPAPREL SVTISRERSV PRGPSSSKKL GSSPTSSCNP TPTKHLRTPP AKPKQEHEGA EKAVLESQVR ELLAEAKTKD SEINRLRSEL KKCKERWALS TEDANASDPS AEGTASPESD AQPLIRTL EE KNKTFQKELA DLEENRALK EKLTYLEQSP NSEGAASHTG DSSCPTSITH ESSFGSPVGN ELSSETDEYR RTTHGSALRT SGSSSSDVTK ASLSPDASDF EHITADTPSR PLSATSNPFK SSKGSPTGSS PNNASELSLA SLTEKIQKME ENQHSTAEEL QATLQELSDQ QQMVQELTAE NEKLVDEKTI LETSFHQHRE RAEQLSQENE KLINLLQERV KNEEPSAQGG KVLELEQKCT DILEKSRFER EKLLNIQQQL TCSLRKVEEE NQGAIDMIKH LKEENEKLN G FLEHERCNNS VMAKTLEECR VTLEGLKMEN GSLKALLEAD KQKAIEASST VGQTAENFEV QEMLKVARAE KDQLQLSCTE LRQELLKANG EIKHVSSLLA KMEKDYSYK EVC DHQAEQL SRTSLKLQEK ASESDAEIKD MKETIFELED QVEQHRAVKL HNNQLISELE GSVIKLEE QK SDLERQLKTL TKQIKEETEE

Product Details

WRRFQADLQT AVVVANDIKC EAQQELRTVK RRLLEEEK N ARLQKELGDI QGHSRWVTGR
ATLLPVNEEP EPSEADAAGR WRGVVYVNRSTS PAPSDSATTV KSLIKSFDLG HSGGTGQSIG
VHKTPRSPLS GIPVRTAPAA AVSPMQRHST YSSMKPASKG TSQRDLPLDL PLSDLLKGRA
EDRKSDPYLR KSPSLESLSR PPSLGFNGTR LLSASTGGLK PSKLSVERRD PLAALAREYG
GSKRNALLKW CQKKTEGYAN IDITNFSSSW SDGLALCALL HTYLP AHIPY QELNSQEKKR
NLLLAFAEAAQ SVGINPSLEL SEMLYTDRPD WQSVMQYVAQ IYKYFET **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: NSP5 (SPECC1)

Alternative Name: Specc1 ([SPECC1 Products](#))

Background: Cytospin-B (Sperm antigen with calponin homology and coiled-coil domains 1)

Target Details

Molecular Weight: 118.1 kDa

UniProt: [Q5SXY1](#)

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