

Datasheet for ABIN7553605  
**NSP5 Protein (AA 1-1068) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NSP5 (SPECC1)
Protein Characteristics:	AA 1-1068
Origin:	Human
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:	MRSAAPWNP AIRAGGHGPD RVRPLPAASS GMKSSKSSTS LAFESRLSRL KRASSEDTLN KPGSTAASGV VRLKKTATAG AISELTESRL RSGTGAFTTT KRTGIPAPRE FSVTVSRERS VPRGPSNPRK SVSSPTSSNT PTPTKHLRTP STKPKQENEG GEKAALESQV RELLAEKAK DSEINRLRSE LKKYKEKRTL NAEGTDALGP NVDGTSVSPG DTEPMIRALE EKNKNFQKEL SDLEENRVL KEKLIYLEHS PNSEGAASHT GDSSCPTSIT QESSFGSPTG NQMSSDIDEY KKNIHGNALR TSGSSSSDVT KASLSPDASD FEHITAETPS RPLSSTSNPF KSSKCSTAGS SPNSVSELSL ASLTEKIQKM EENHHSTAE LQATLQELSD QQMVQELTA ENEKLVDEKT ILETSFHQHR ERAEQLSQEN EKLMNLLQER VKNEEPTTQE GKIIIELEQKC TGILEQGRFE REKLLNIQQQ LTCSLRKVEE ENQGALEMIK RLKEENEKLN EFLELERHNN NMMAKTLEEC RVTLEGLKME NGSLKSHLQG EKQKATEASA VEQTAESCEV QEMLKVARAE KDILLESCNE LRQELLKANG EIKHVSSLLA KVEKDYSYLK EICDHQAEQL SRTSLKLQEK ASESDAEIKD MKETIFELED QVEQHRAVKL HNNQLISELE SSVIKLEEQK SDLERQLKTL TKQMKEETEE

## Product Details

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WRRFQADLQT AVVVANDIKC EAQQELRTVK RKLLEEEK N ARLQKELGDV QGHGRVWTSR  
AAPPPVDEEP ESSEVDAAGR WPGVCVSRSTS PTPPESATTV KSLIKSFDLG RPPGAGQNIS  
VHKTPRSPLS GIPVRTAPAA AVSPMQRHST YSSVRPASRG VTQRLDLPDL PLSDILKGRT  
ETLKPDPHLR KSPSLESLSR PPSLGF GDTR LLSASTRAWK PQSKLSVERK DPLAALAREY  
GGSKRNALLK WCQKKTQGYA NIDITNFSSS WSDGLAFCAL LHTYLP AHIP YQELNSQEKK  
RNLLLAFAEAA ESVGIKPSLE LSEMLYTD RP DWQSV MQYVA QIYKYFET **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.**

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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.

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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.

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

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Grade: custom-made

## Target Details

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Target: NSP5 (SPECC1)

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

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Background: Cytospin-B (Nuclear structure protein 5) (NSP5) (Sperm antigen HCMOGT-1) (Sperm antigen with calponin homology and coiled-coil domains 1)

## Target Details

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Molecular Weight: 118.6 kDa

UniProt: [Q5M775](#)

## Application Details

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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

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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