

Datasheet for ABIN7555686

**Symplekin Protein (SYMPK) (AA 1-1274) (His tag)**[Go to Product page](#)

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | Symplekin (SYMPK)                                |
| Protein Characteristics:      | AA 1-1274  |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                    |
| Protein Type:                 | Recombinant                                      |
| Purification tag / Conjugate: | This Symplekin protein is labelled with His tag. |

## Product Details

|           |   |
|-----------|---|
| Purpose:  | Custom-made recombinant SYMPK Protein expressed in mammalian cells.   |
| Sequence: | MASGSGDSVT RRSVASQFFT QEEGPGIDGM TTSERVVDLL NQAALITNDS KITVLKQVQE<br>LIINKDPTLL DNFLDEIIAF QADKSIEVRK FVIGFIEEAC KRDIELLLKL IANLNMLLRD ENVNVVKKAI<br>LTMTQLYKVA LQWMVKSRVI SELQEACWDM VSAMAGDIIL LLDSDNDGIR THAIKFVEGL<br>IVTLSPRMAD SEIPRRQEHD ISLDRIPRDH PYIQYNVLWE EGKAALEQLL KFMVHPAISS<br>INLTTALGSL ANIARQRPMF MSEVIQAYET LHANLPPTLA KSQVSSVRKN LKLHLLSVLK<br>HPASLEFQAQ ITLLVLDLGT PQAEIARNMP SSKDTRKRPR DDS DSTLTKM KLEPNLGEDD<br>EDKDLEPGPS GTSKASQAIS QSDDITAE FLQPLLPDN VANLVLISMV YLPEAMPASF<br>QAIYTPVESA GTEAQIKHLA RLMATQMTAA GLGPGVEQTK QCKEEPKEEK VVKTESVLIK<br>RRLSAQGQAI SVVGLSSMS PLEEEAPQAK RRPEIIPVT QPRLAGAGGR KKIFRLSDVL<br>KPLTDAQVEA MKLGAVKRIL RAEKAVACSG AAQVRIKILA SLVTQFNSGL KAEVLSFILE<br>DVRARLDLAF AWLYQEYNAY LAAGASGSLD KYEDCLIRLL SGLQEKPQDK DGIFTKVVLE<br>APLITESALE VVRKYCEDES RTYLGMSTLR DLIFKRPSRQ FQYLHVLLDL SSHEKDKVRS |

## Product Details

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QALLFIKRM Y EKEQLREYVE K FALNYLQLL VHPNPPSVLF GADKDTEVAA PWTEETVKQC  
LYLYLALLPQ NHKLIHELAA VYTEAIADIK RTVLRVIEQP IRGMGMNSPE LLLLVENCPK  
GAETLVTRCL HSLTDKVPSS PELVKRVRDL YHKRLPDVRF LIPVLNGLEK KEVIQALPKL  
IKLNPIVVKE VFNRLGTQH GEGNSALSPL NPGELLIALH NIDSVKCDMK SIKATNLCF  
AERNVYTSEV LAVVMQQLME QSPLPMLLMR TVIQSLTMYP RLGGFVMNIL SRLIMKQVWK  
YPKVWEGFIK CCQRTKPQSF QVILQLPPQQ LGAVFDKCPE LREPLLAHVR SFTPHQQAHI  
PNSIMTILEA SGKQEPEAKE APAGPLEEDD LEPLTLAPAP APRPPQDLIG LRLAQEKALK  
RQLEEEQKLK PGGVGAPSSS SPSPPSARP GPPPSEEAMD FREEGPECET PGIFISMDDD  
SGLTEAALLD SSLEGPLPKE TAAGGLTLKE ERSQTLAPV GEDAMKTPSP AAEDAREPEA KGNS

**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: Symplekin (SYMPK)

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## Target Details

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

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Background: Symplekin,FUNCTION: Scaffold protein that functions as a component of a multimolecular complex involved in histone mRNA 3'-end processing. Specific component of the tight junction (TJ) plaque, but might not be an exclusively junctional component. May have a house-keeping role. Is involved in pre-mRNA polyadenylation. Enhances SSU72 phosphatase activity. {ECO:0000269|PubMed:16230528, ECO:0000269|PubMed:20861839}.

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Molecular Weight: 141.1 kDa

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UniProt: [Q92797](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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