

Datasheet for ABIN7557794  
**SP4 Protein (AA 1-782) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SP4
Protein Characteristics:	AA 1-782
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SP4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Sp4 Protein expressed in mammalian cells.
Sequence:	MSDQKKEEEE EAAAAMATEG GKTSEPENNN KKPKTSGSQD SHPSPLALLA ATCSKIGTPG ENQATGQQQI IIDPSQGLVQ LQNQPQLEL VTTQLAGNAW QLVASTPPAS KENNVSQPAS SSSSSSSNN GSSSPTKTKS GNPSTPNQFQ VIQVQNPSGS VQYQVIPQLQ TVEGQQIQIN PTSSSSLQDL QGQIQLISAG NNQAILTAAN RTASGNILAQ NLANQTVPVQ IRPGVSIPLQ LQTLPGTQAQ VVTTLPINIG GVTLALPVIN NVTAGGGTGQ VGQPTTTTDS GTSNGNQLVS TPTTSTAPAS TMPESPSSST TCTTTASTTL TSSDTLVSSA DTGQYASTSA SSSERTIEEP QTPAATESEA QSSSQLQSNG IQNAQDQSNS LQQVQIVGQP ILQQIQIQP QQQIIQAIPP QSFQLQSGQT IQTIQQQLQ NVQLQAVNPT QVLIRAPTLT PSGQISWQTV QVQNIQSLSN LQVQNAGLSQ QLTITPVSSS GGTTLAQIAP VAVAGAPITL NTAQLASVPN LQTVSVANLG AAGVQVQGVV VTITSVAGQQ QGQDGVKVQQ ATIAPVTVAV GGIANATIGA VSPDQLTQVH LQQGQQTSDA EVQPGKRLRR VACSCPNCRE GEGRGSSEPG KKKQHVCHIE GCGKVYKTS HLRAHLRWHT GERPFICNWM FCGKRFTRSD ELQRHRRHTH GEKRFECPEC SKRFMRSDHL

## Product Details

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SKHKVTKHQK KGGGTALAIV TSGELDSSVT EVLGSPRIVT VAAISQDSNP ATPNVSTNME EF

**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: SP4

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Alternative Name: Sp4 ([SP4 Products](#))

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Background: Transcription factor Sp4,FUNCTION: Binds to GT and GC boxes promoters elements. Probable transcriptional activator. Required for normal male reproductive behavior.

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Molecular Weight: 81.9 kDa

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UniProt: [Q62445](#)

## 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