

Datasheet for ABIN7546380
SP4 Protein (AA 1-784) (His tag)



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Overview

Quantity:	1 mg
Target:	SP4
Protein Characteristics:	AA 1-784
Origin:	Human
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:	<p>MSDQKKEEEE EAAAAAAMAT EGGKTSEPEN NKKPKTSGS QDSQPSPLAL LAATCSKIGT PGENQATGQQ QIIIDPSQGL VQLQNQPQQL ELVTTQLAGN AWQLVASTPP ASKENNVSQP ASSSSSSSSS NNGSASPTKT KSGNSSTPGQ FQVIQVQNPS GSVQYQVIPQ LQTVEGQIQI INPTSSSSLQ DLQGQIQLIS AGNNQAILTA ANRTASGNIL AQNLANQTVP VQIRPGVSIP LQLQTLPGTQ AQVTTLPIN IGGVTLALPV INNVAAGGGT GQVGQPAATA DSGTSNGNQL VSTPTNTTTS ASTMPESPSS STCTTTAST SLTSSDTLVS SADTGQYAST SASSERTIE ESQTPAATES EAQSSSQLQP NGMQNAQDQS NSLQQVQIVG QPILQQIQIQ QPQQQIIQAI PPQSFQLQSG QTIQTIQQP LQNVQLQAVN PTQVLIRAPT LTPSGQISWQ TVQVQNIQSL SNLQVQNAGL SQQLTITPVS SSGGTTLAQI APVAVAGAPI TLNTAQLASV PNLQTVSVAN LGAAGVQVQG VPVITTSVAG QQQGDGVKV QQATIAPVTV AVGGIANATI GAVSPDQLTQ VHLQGGQQT S DQEVQPGKRL RRVACSCPNC REGEGRGSNE PGKKKQHICH IEGCGKVVYK TSHLRAHLRW HTGERPFICN WMFCGKRFTR SDELQRHRR HTGEKRFECPC ESKRFMRSD</p>

Product Details

HLSKHVKTHQ NKKGGGTALA IVTSGELDSS VTEVLGSPRI VTVAAISQDS NPATPNVSTN MEEF

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: SP4

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

Background: Transcription factor Sp4 (SPR-1),FUNCTION: Binds to GT and GC boxes promoters elements. Probable transcriptional activator.

Molecular Weight: 82.0 kDa

UniProt: [Q02446](#)

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
