

Datasheet for ABIN7562556

Sp3 Protein (AA 1-783) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Sp3
Protein Characteristics:	AA 1-783
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sp3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Sp3 Protein expressed in mammalian cells.
Sequence:	<p>MTAPEKPVKQ EEMAALDVDG GGGGGGHGEY LQQQQQQQQQ HGNGAAAAAA QDTQPSPLAL</p> <p>LAATCSKIGP PSPGDDDEEA AVAAAAGVPA AAAGATGDLA SAQLGGAPNR WEVLSATPTT</p> <p>IKDEAGNLVQ IPGAATSSGQ YVLPLQNLQN QQIFSVAPGS DSSNGTVSNV QYQVIPQIQS</p> <p>TDAQVQIGF TGSSDNGGIN QENSQIQIIP GSNQTLASG TPPANIQNLI PQTGQVQVQG</p> <p>VAIGGSSFPG QTQVVANVPL GLPGNITFVP INSVDLDSL GSGSSQTMTA GINADGHLIN</p> <p>TGQAMDSSDN SERTGERVSP DVNETNADTD LFPVTSSSSQ LPVTIDSTGI LQQNTNSLTT</p> <p>TSGQVHSSDL QGNYIQSPVS EETQAQNIQV STAQPVVQHL QLQDSQQPTS QAQIVQGITP</p> <p>QTIHGVQASG QNISQQALQN LQLQLNPGTF LIQAQTVTPS GQITWQTFQV QGVQNLQNLQ</p> <p>IQNTAAQQIT LTPVQTLTLG QVAAGGALTS TPVSLSTGQL PNLQTVTVNS IDSTGIQLHP</p> <p>GENADSPADI RIKEEEDPDE EWQLSGDSTL NTNDLTHLRV QVVEEGDQQ HQEGKRLRRV</p> <p>ACTCPNCKEG GGRGTNLGKK KQHICHIPGC GKVYGKTS HLRAHLRWHSGE RPFICNWMFC</p>

GKRFTRSDDEL QRHRRTHHTGE KKFVCPECSK RFMRSDHLAK HIKTHQNKKV IHSSSTVLAS
VEAGRDDALI TAGGTTLILA NIQQGSVSGI GTVNTSATSQDILTNTEIP LQLVTVSGNE TME

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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

Sp3

Alternative Name:

Sp3 ([Sp3 Products](#))

Background:

Transcription factor Sp3,FUNCTION: Transcriptional factor that can act as an activator or repressor depending on isoform and/or post-translational modifications. Binds to GT and GC boxes promoter elements. Competes with SP1 for the GC-box promoters. Weak activator of transcription but can activate a number of genes involved in different processes such as cell-cycle regulation, hormone-induction and house-keeping (By similarity). {ECO:0000250, ECO:0000269|PubMed:15554904}.

Molecular Weight:

82.4 kDa

Target Details

UniProt: [O70494](#)

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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