

Datasheet for ABIN7546405

Sp2 Protein (AA 1-613) (His tag)



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Overview

Quantity:	1 mg
Target:	Sp2
Protein Characteristics:	AA 1-613
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sp2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SP2 Protein expressed in mammalian cells.
Sequence:	<p>MSDPQTSMAA TAAVSPSDYL QPAASTTQDS QPSPLALLAA TCSKIGPPAV EAAVTPPAPP</p> <p>QPTPRKLVPI KPAPLPLSPG KNSFGILSSK GNILQIQGSQ LSASYPGGQL VFAIQNPTMI</p> <p>NKGTRSNANI QQAVPQIQA SNSQTIQVQP NLTNQIQIIP GTNQAIITPS PSSHKPVPIK</p> <p>PAPIQKSSTT TTPVQSGANV VKLTGGGGNV TLTPVNNLV NASDTGAPTQ LLTESPPTPL</p> <p>SKTNKKARKK SLPASQPPVA VAEQVETVLI ETTADNIIQA GNNLLIVQSP GGGQPAVVQQ</p> <p>VQVVPPKAEQ QQVVQIPQQA LRVVQAASAT LPTVPQKPSQ NFQIQAAEPT PTQVYIRTPS</p> <p>GEVQTVLVQD SPPATAAATS NTTCCSPASR APHLSGTSKK HSAAILRKER PLPKIAPAGS</p> <p>IISLNAAQLA AAAQAMQTIN INGVQVQGVV VTITNTGGQQ QLTQVNVSGN NLTISGLSPT</p> <p>QIQLQMEQAL AGETQPGEKR RRMACTCPNC KDGEKRSGEQ GKKKHVCHIP DCGKTRFKTS</p> <p>LLRAHVRLLHT GERPFVCNWF FCGKRFRSD ELQRHARTHT GDKRFECACQ QKRFMRSDHL</p> <p>TKHYKTHLVT KNL Sequence without tag. The proposed Purification-Tag is based on</p>

Product Details

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	Sp2
Alternative Name:	SP2 (Sp2 Products)
Background:	Transcription factor Sp2,FUNCTION: Binds to GC box promoters elements and selectively activates mRNA synthesis from genes that contain functional recognition sites.
Molecular Weight:	64.9 kDa
UniProt:	Q02086

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