

Datasheet for ABIN7546221

SP6 Protein (AA 1-376) (His tag)



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Overview

Quantity:	1 mg
Target:	SP6
Protein Characteristics:	AA 1-376
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SP6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SP6 Protein expressed in mammalian cells.
Sequence:	<p>MLTAVCGSLG SQHTEAPHAS PPRLDLQPLQ TYQGHTSPEA GDYPSPLQPG ELQSLPLGPE</p> <p>VDFSQGYELP GASSRVTCED LESDSPLAPG PFSKLLQPDM SHHYESWFRP THPGAEDGSW</p> <p>WDLHPGTSMW DLPHTQGALT SPGHPGALQA GLGGYVGHDQ LCAPPPHPHA HLLPAAGGQ</p> <p>HLLGPPDGAK ALEVAAPESQ GLDSSLDGAA RPKGSRRSVP RSSGQTVCRC PNCLEAERLG</p> <p>APCGPDGGKK KHLHNCHIPG CGKAYAKTSH LKAHLRWHSG DRPFVCNWLF CGKRFTSRDE</p> <p>LQRHLQTHTG TKKFPCAVCS RVFMRSDHLA KHKMTHEGAK EEAAGAASGE GKAGGAVEPP</p> <p>GGKGKREAEG SVAPSN 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.</p>
Characteristics:	Key Benefits:

Product Details

- 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:	SP6
Alternative Name:	SP6 (SP6 Products)
Background:	Transcription factor Sp6 (Krueppel-like factor 14),FUNCTION: Promotes cell proliferation (By similarity). Plays a role in tooth germ growth (By similarity). Plays a role in the control of enamel mineralization. Binds the AMBN promoter (PubMed:32167558). {ECO:0000250 UniProtKB:Q9ESX2, ECO:0000269 PubMed:32167558}.
Molecular Weight:	39.8 kDa
UniProt:	Q3SY56

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