

Datasheet for ABIN7558770

SP8 Protein (AA 1-486) (His tag)



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Overview

Quantity:	1 mg
Target:	SP8
Protein Characteristics:	AA 1-486
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SP8 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Sp8 Protein expressed in mammalian cells.
Sequence:	MLAATCNKIG SPSPSPSSLS DSSSSFGKGF HPWKRSSSSS SGSCNVVGSS LSSFGVSGAS RNGGSSSAAA AAAAAAAAAA ALVDSFSCG GSPGSSAFSL TSSSAAAAAA AAAAASSSP FANDYSVFQA PGVSGGSGGG GGGGGGGSGA HSQDSSHQPV FISKVHTSVD GLQGIYPRVG MAHPYESWFK PSHPLGAAA DVGSAGASSW WDVGAGWIDV QNPNGAAALP GSLHPAAGGL QTSLHSPGG YNSDYSGLSH SAFSSGASSH LLSPAGQHLM DGFKPVLPGS YPDSAPSPLA GAGSSMLSAG PAAQLGGSPR SSARRYSGRA TCDPCNCQEA ERLGPAGASL RRGKLHSCHI PGCGKVYGKT SHLKAHLRWH TGERPFVCNW LFCGKRFTRS DELQRHLRTH TGEKRFACPV CNKRFRMSDH LSKHVKTHSG GGGSAGSGGG KKGSDTDSEH SAAGSPPCHS PELLQPPEPG HRNGLE 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.

Product Details

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:

SP8

Alternative Name:

Sp8 ([SP8 Products](#))

Background:

Transcription factor Sp8,FUNCTION: Transcription factor which plays a key role in limb development. Positively regulates FGF8 expression in the apical ectodermal ridge (AER) and contributes to limb outgrowth in embryos. {ECO:0000269|PubMed:15358670}.

Molecular Weight:

48.4 kDa

UniProt:

[Q8BMJ8](#)

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