

Datasheet for ABIN7546222

SP8 Protein (AA 1-490) (His tag)



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Overview

Quantity:	1 mg
Target:	SP8
Protein Characteristics:	AA 1-490
Origin:	Human
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 SASCNVVGSS LSSFGVSGAS RNGGSSSAAA AAAAAAAAAA ALVDSFSCG GSPGSSAFSL TSSSAAAAAA AAAAASSSP FANDYSVFQA PGVSGGSGGG GGGGGGGSSA HSQDGSHPV FISKVHTSVD GLQGIYPRVG MAHPYESWFK PSHPGLGAAG EVGSAGASSW WDVGAGWIDV QNPNSAAALP GSLHPAAGGL QTSLHSPGG YNSDYSGLSH SAFSSGASSH LLSPAGQHLN DGFKPVLPGS YPDSAPSPLA GAGGSMLSAG PSAPLGGSPR SSARRYSGRA TCDPCNCQEA ERLGPAGASL RRGKLHLSCHI PGCGKVYGKT SHLKAHLRWH TGERPFVCNW LFCGKRFTS DELQRHLRTH TGEKRFACPV CNKRFRMSDH LSKHVKTHSG GGGGGGSAGS GSGGKKGSDT DSEHSAAGSP PCHSPELLQP PEPGHRNGLE 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.
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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 (Specificity protein 8),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 (By similarity). {ECO:0000250}.
Molecular Weight:	48.7 kDa
UniProt:	Q8IXZ3

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