

Datasheet for ABIN7558931
SP110 Protein (AA 1-445) (His tag)



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Overview

Quantity:	1 mg
Target:	SP110
Protein Characteristics:	AA 1-445
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SP110 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Sp110 Protein expressed in mammalian cells.
Sequence:	<p>MFTLTKALEK ALLQHFIYMK VNIAYAINKP PPFEEALRDN SFITERMYKE SLEACQNLVP</p> <p>LSKVHNILT SLEQTFHPSV LLTLFSKVN L REYPSLVAIF RSFRNVGYTY EEKNRPPLTL</p> <p>LEDLANPAEG CSLQTLLPPP RPQISLPSHL SSAPRVCDPR ATAQPIIEIL DEQPSPSPRA</p> <p>VPLLGCIEG KTTVPVSSRDH QRKDKEDSRE MPHSPSGPES VVKDDSPAAN DLEMAREVPC</p> <p>TPANKKARRK KRPNWSNSKR RRQKKKPRQD EMMGVASPGH GVQEKLKAVS RRTLWKDDSS</p> <p>TNVKEVTKTQ RTRMRRAQTS NSQEISKEAS KTSGRKRPST ARRTTQVPEK TKNDVDFSP</p> <p>TLPVTCGKAK GTLFQEKLKQ GASKKCIQNE AGDWLTVKEF LNEGGRATSK DWKGVIRCNG</p> <p>ETLRHLEQKG LLFFTSKSKP QKKGA 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: SP110

Alternative Name: Sp110 ([SP110 Products](#))

Background: Sp110 nuclear body protein (Intracellular pathogen resistance protein 1),FUNCTION: May act as a transcription factor. Plays a role in the innate immunity against intracellular pathogens. Required for resistance to M.tuberculosis and L.monocytogenes. Promotes apoptosis of infected cells. {ECO:0000269|PubMed:15815631}.

Molecular Weight: 50.1 kDa

UniProt: [Q8BVK9](#)

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