

Datasheet for ABIN7562385
SPIB Protein (AA 1-267) (His tag)



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Overview

Quantity:	1 mg
Target:	SPIB
Protein Characteristics:	AA 1-267
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPIB protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Spib Protein expressed in mammalien cells.
Sequence:	MLALEAAQLD GPHLSCLYPE GVFYDLDSCK PFSYPDSGG LDSTWGWTEA PPAPAIAPYE AFDPATAAFS HSQTVQLCYS HGPNPSTYSP MGTLDPAPSL EAPGPGLQVY PPEDFTSQTL GSLAYAPYPS PVLSEEDDIM LDSPALEVSD SESDEALLAG SEGRGSEAGA RKKLRLYQFL LGLLLRGDMR ECVWWVEPGA GVFQFSSKHK ELLARRWGQQ KGNRKRMTYQ KLARALRNYA KTGEIRKVKR KLTYQFDSAL LPASRHV 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.
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 mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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
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Grade:	custom-made
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Target Details

Target:	SPIB
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Alternative Name:	Spib (SPIB Products)
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Background:	Transcription factor Spi-B,FUNCTION: Sequence specific transcriptional activator which binds to the PU-box, a purine-rich DNA sequence (5'-GAGGAA-3') that can act as a lymphoid-specific enhancer. Promotes development of plasmacytoid dendritic cells (pDCs), also known as type 2 DC precursors (pre-DC2) or natural interferon (IFN)-producing cells. These cells have the capacity to produce large amounts of interferon and block viral replication. Required for B-cell receptor (BCR) signaling, which is necessary for normal B-cell development and antigenic stimulation. {ECO:0000269 PubMed:10229183, ECO:0000269 PubMed:11313289, ECO:0000269 PubMed:11672537, ECO:0000269 PubMed:11980719, ECO:0000269 PubMed:12431391, ECO:0000269 PubMed:8691135, ECO:0000269 PubMed:9384589}.
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Molecular Weight:	29.4 kDa
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UniProt:	O35906
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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
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Application Details

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