

Datasheet for ABIN7545096

VAX1 Protein (AA 1-334) (His tag)



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Overview

Quantity:	1 mg
Target:	VAX1
Protein Characteristics:	AA 1-334
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VAX1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat VAX1 Protein expressed in mammalian cells.
Sequence:	MFGKPDKMDV RCHSDAEAAR VSKNAHKESR ESKGAEGNLP AAFLKEPQGA FSASGAAEDC NKSKSNSAAD PDYCRRILVR DAKGSIREII LPKGLDLDRP KRTRTSFTAE QLYRLEMEFQ RCQYVVGRER TELARQLNLS ETQVKVWFQN RRTKQKKDQG KDSSELRSVVS ETAATCSVLR LLEQGRLLSP PGLPALLPPC ATGALGSALR GPSLPALGAG AAAGSAAAAA AAPGPAGAA SPHPPAVGGA PGPAGPAGGG LHAGAPAAGH SLFSLPVPSL LGSVASRLSS APLTMAGSLA GNLQELSARY LSSSAFEPYS RTNNKEGAEK KALD 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:	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
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Grade:	custom-made
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Target Details

Target:	VAX1
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Alternative Name:	VAX1 (VAX1 Products)
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Background:	Ventral anterior homeobox 1,FUNCTION: Transcription factor that may function in dorsoventral specification of the forebrain. Required for axon guidance and major tract formation in the developing forebrain. May contribute to the differentiation of the neuroretina, pigmented epithelium and optic stalk (By similarity). {ECO:0000250}.
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Molecular Weight:	34.7 kDa
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UniProt:	Q5SQQ9
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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 guarantee though.
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Restrictions:	For Research Use only
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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