

Datasheet for ABIN7545026

VAX2 Protein (AA 1-290) (His tag)



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Overview

Quantity:	1 mg
Target:	VAX2
Protein Characteristics:	AA 1-290
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VAX2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat VAX2 Protein expressed in mammalian cells.
Sequence:	<p>MGDGAERDR GPARRAESGG GGGRCGDRSG AGDLRADGGG HSPTEVAGTS ASSPAGSRES</p> <p>GADSDGQPGP GEADHCRRIL VRDAKGTIRE IVLPKGLDLD RPKRTRTSFT AEQLYRLEME</p> <p>FQRCQYVVGR ERTALARQLN LSETQVKVWF QNRRTKQKQD QSRDLEKRAS SSASEAFATS</p> <p>NILRLLEQGR LLSVPRAPSL LALTPSLPGL PASHRGTSGLG DPRNSSPRLN PLSSASASPP</p> <p>LPPPLPAVCF SSAPLLDLPA GYELGSSAFE PYSWLERKVG SASSCKKANT 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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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:	VAX2
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Alternative Name:	VAX2 (VAX2 Products)
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Background:	Ventral anterior homeobox 2,FUNCTION: Transcription factor that may function in dorsoventral specification of the forebrain. Regulates the expression of Wnt signaling antagonists including the expression of a truncated TCF7L2 isoform that cannot bind CTNNB1 and acts therefore as a potent dominant-negative Wnt antagonist. Plays a crucial role in eye development and, in particular, in the specification of the ventral optic vesicle (By similarity). May be a regulator of axial polarization in the retina. {ECO:0000250}.
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Molecular Weight:	30.9 kDa
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UniProt:	Q9UIW0
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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