

Datasheet for ABIN7545918

RAX Protein (AA 1-346) (His tag)



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Overview

Quantity:	1 mg
Target:	RAX
Protein Characteristics:	AA 1-346
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAX protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RAX Protein expressed in mammalian cells.
Sequence:	MHLPGCAPAM ADGSFSLAGH LLRSPGGSTS RLHSIEAILG FTKDDGILGT FPAERGARGA KERDRRLGAR PACPKAPEEG SEPSPPPAPA PAPEYEAPRP YCPKEPGEAR PSPGLPVGPA TGEAKLSEEE QPKKKHRRNR TTFTTYQLHE LERAFEKSHY PDVYSREELA GKVNLPEVRV QVWFQNRRAK WRRQEKLEVS SMKLQDSPLL SFSRSPPSAT LSPLGAGPGS GGGPAGGALP LESWLGPPLP GGGATALQSL PGFGPPAQL PASYTTPPPP PPFLNSPPLG PGLQLPLAPP PSYPCGPGFG DKFPLDEADP RNSSIAALRL KAKEHIQAIG KPWQAL 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:	RAX
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Alternative Name:	RAX (RAX Products)
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Background:	Retinal homeobox protein Rx (Retina and anterior neural fold homeobox protein),FUNCTION: Plays a critical role in eye formation by regulating the initial specification of retinal cells and/or their subsequent proliferation. Binds to the photoreceptor conserved element-I (PCE-1/Ret 1) in the photoreceptor cell-specific arrestin promoter.
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Molecular Weight:	36.7 kDa
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UniProt:	Q9Y2V3
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Pathways:	Regulatory RNA Pathways
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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