

Datasheet for ABIN7560885
RITA1 Protein (AA 1-253) (His tag)



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Overview

Quantity:	1 mg
Target:	RITA1
Protein Characteristics:	AA 1-253
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RITA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Rita1 Protein expressed in mammalien cells.
Sequence:	MKALHLQHRS PTSYRVKARA SYVDETLFGS PARTRPAQPD FDPPWVQNCN RSRGVGPGPP KGSLAKRDCE SPSSRGSTPN LTPRKKNKYR LIGHAPSYCD ESLFGTSKEG SRMAVGDAAK LRTLFWTPPA TPRGSHTEPCP RETPLRAIHP AGPSRTEPRV TAGSQMSSQD GLCVPCSLGQ RRSHSLTHLT VPSTGHPASS APQTNGPWSP RPNTSGATVQ SPLVTSKACS GRVSGPAPPR RGACPPKPKP PWK 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: <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:	RITA1
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Alternative Name:	Rita1 (RITA1 Products)
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Background:	RBPJ-interacting and tubulin-associated protein 1 (RBPJ-interacting and tubulin-associated protein),FUNCTION: Tubulin-binding protein that acts as a negative regulator of Notch signaling pathway. Shuttles between the cytoplasm and the nucleus and mediates the nuclear export of RBPJ/RBPSUH, thereby preventing the interaction between RBPJ/RBPSUH and NICD product of Notch proteins (Notch intracellular domain), leading to down-regulate Notch-mediated transcription. May play a role in neurogenesis (By similarity). {ECO:0000250}.
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Molecular Weight:	27.1 kDa
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UniProt:	Q9D1H0
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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