

Datasheet for ABIN7560696

RNASEH2A Protein (AA 1-301) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RNASEH2A
Protein Characteristics:	AA 1-301
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASEH2A protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Rnaseh2a Protein expressed in mammalien cells.
Sequence:	<p>MDLSELERDN TGRCLSSPV PAVCLKEPCV LGVDEAGRGP VLGPMVYAIC YCPLSRLADL EALKVADSKT LTENERERLF AKMEEDGDFV GWALDVLSPN LISTSM LGRV KYNLNSLSHD TAAGLIQYAL DQNVNVTQVF VDTVGMPEY QARLQQHFPG IEVTVKAKAD SLFPVSAAS IFAKVARDKA VKNWQFVENL QDLDSYGS GYPNDPKTKAW LRKHVDPVFG FPQFVRFWS TAQAILEKEA EDVIWEDSEA EEDPERPGKI TSYFSQGPQT CRPQAPHRYF QERGLEAASS L</p> <p>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.

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:	RNASEH2A
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Alternative Name:	Rnaseh2a (RNASEH2A Products)
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Background:	Ribonuclease H2 subunit A (RNase H2 subunit A) (EC 3.1.26.4) (Ribonuclease HI large subunit) (RNase HI large subunit) (Ribonuclease HI subunit A),FUNCTION: Catalytic subunit of RNase HII, an endonuclease that specifically degrades the RNA of RNA:DNA hybrids. Participates in DNA replication, possibly by mediating the removal of lagging-strand Okazaki fragment RNA primers during DNA replication. Mediates the excision of single ribonucleotides from DNA:RNA duplexes. {ECO:0000269 PubMed:19923215}.
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Molecular Weight:	33.5 kDa
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UniProt:	Q9CWY8
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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