

Datasheet for ABIN7551521

RNASEH2A Protein (AA 1-299) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RNASEH2A
Protein Characteristics:	AA 1-299
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASEH2A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RNASEH2A Protein expressed in mammalian cells.
Sequence:	MDLSELERDN TGRCLSSPV PAVCRKEPCV LGVDEAGRGP VLGPMVYAIC YCPLPRLADL EALKVADSKT LLESERERLF AKMEDTDFVG WALDVLSPNL ISTSMLGRVK YNLNSLSHDT ATGLIQYALD QGVNVTQVFV DTVGMPETYQ ARLQSFPGI EVTVKAKADA LYPVSAASI CAKVARDQAV KKWQFVEKLQ DLDTDYGSGY PNDPKTKAWL KEHVEPVFGF PQFVRFSWRT AQTILEKEAE DVIWEDSASE NQEGLRKITS YFLNEGSQAR PRSSHRYFLE RGLSATSL 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RNASEH2A
Alternative Name:	RNASEH2A (RNASEH2A Products)
Background:	Ribonuclease H2 subunit A (RNase H2 subunit A) (EC 3.1.26.4) (Aicardi-Goutieres syndrome 4 protein) (AGS4) (RNase H(35)) (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:16845400, ECO:0000269 PubMed:21177858}.
Molecular Weight:	33.4 kDa
UniProt:	O75792

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
--------------------	---

Application Details

Restrictions: For Research Use only

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