

Datasheet for ABIN7562538

Ribonuclease H1 Protein (RNASEH1) (AA 1-285) (His tag)



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Overview

Quantity:	1 mg
Target:	Ribonuclease H1 (RNASEH1)
Protein Characteristics:	AA 1-285
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ribonuclease H1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Rnaseh1 Protein expressed in mammalien cells.
Sequence:	MRWLLPLSRT VTLAVVRLRR GICGLGMFYA VRRGRRTGVF LSWSECKAQV DRFPAARFKK FATEDEAWAF VRSSSSPDGS KGQESAHEQK SQAKTSKRPR EPLGEGEELP EPGPKHTRQD TEPAAVVSKD TFSYMGESVI VYTDGCCSSN GRKRARAGIG VYWGP GHPLN VGIRLPGRQT NQRAEIHAAC KAIMQAKAQN ISKLVLYTDS MFTINGITNW VQGWKKNGWR TSTGKDVINK EDFMELDELT QGMDIQWMHI PGHSGFVGNE EADRLAREGA KQSED 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: 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
Grade:	custom-made

Target Details

Target:	Ribonuclease H1 (RNASEH1)
Alternative Name:	Rnaseh1 (RNASEH1 Products)
Background:	Ribonuclease H1 (RNase H1) (EC 3.1.26.4),FUNCTION: Endonuclease that specifically degrades the RNA of RNA-DNA hybrids. Plays a role in RNA polymerase II (RNAP II) transcription termination by degrading R-loop RNA-DNA hybrid formation at G-rich pause sites located downstream of the poly(A) site and behind the elongating RNAP II. {ECO:0000250 UniProtKB:O60930}.
Molecular Weight:	31.8 kDa
UniProt:	O70338

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.
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