

Datasheet for ABIN7551498

RNASEH2C Protein (AA 1-164) (His tag)



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Overview

Quantity:	1 mg
Target:	RNASEH2C
Protein Characteristics:	AA 1-164
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASEH2C protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RNASEH2C Protein expressed in mammalian cells.
Sequence:	MESGDEAAIE RHRVHLRSAT LRDAVPATLH LLPCEVAVDG PAPVGRFFTP AIRQGPEGLE VSFRGRCLRG EEVAVPPGLV GYVMVTEEEK VSMGKPDPLR DSGTDDQEEE PLERDFDRFI GATANFSRFT LWGLETIPGP DAKVRGALTW PSLAAAIHAQ VPED 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: • 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

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RNASEH2C
Alternative Name:	RNASEH2C (RNASEH2C Products)
Background:	Ribonuclease H2 subunit C (RNase H2 subunit C) (Aicardi-Goutieres syndrome 3 protein) (AGS3) (RNase H1 small subunit) (Ribonuclease HI subunit C),FUNCTION: Non catalytic subunit of RNase H2, 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:	17.8 kDa
UniProt:	Q8TDP1

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.
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