Datasheet for ABIN7560499

RNASEH2C Protein (AA 1-166) (His tag)

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Overview

Quantity:	1 mg
Target:	RNASEH2C
Protein Characteristics:	AA 1-166
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASEH2C protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Rnaseh2c Protein expressed in mammalien cells.
Sequence:	MKNPEEAADG KQRIHLRPGS LRGAAPAKLH LLPCDVLVSR PAPVDRFFTP AVRHDADGLQ ASFRGRGLRG EEVAVPPGFA GFVMVTEEKG EGLIGKLNFS GDAEDKADEA QEPLERDFDR LIGATGSFSH FTLWGLETVP GPDAKVHRAL GWPSLAAAIH AQVPED **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. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

	• 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:	RNASEH2C
Alternative Name:	Rnaseh2c (RNASEH2C Products)
Background:	Ribonuclease H2 subunit C (RNase H2 subunit C) (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:19923215}.
Molecular Weight:	17.8 kDa
UniProt:	Q9CQ18

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

Handling

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