

Datasheet for ABIN7558947
PTRH1 Protein (AA 1-204) (His tag)



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Overview

Quantity:	1 mg
Target:	PTRH1
Protein Characteristics:	AA 1-204
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTRH1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ptrh1 Protein expressed in mammalien cells.
Sequence:	<p>MRRSWALSRQ VSEARFPGKR WLVAAGLGNHG MPGTRHSVGM AVLGQIARRL GVAENWTRDS</p> <p>RCAADLALAP LGDAQLVLLR PRRLMNVN GR SVARAAELFG LTAEIYLVH DELDKPLGKL</p> <p>ALKLGGSARG HNGVRSCISC LNSNAMPRLL VGIGRPTHNP MVENHVLGCF SPEEQELLSP</p> <p>LMDQATDLLL DHIRARSQGP LSGL 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. • 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: PTRH1

Alternative Name: Pthr1 ([PTRH1 Products](#))

Background: Probable peptidyl-tRNA hydrolase (PTH) (EC 3.1.1.29),FUNCTION: Peptidyl-tRNA hydrolase that cleaves nascent chains-tRNAs that are not stably fixed in the P-site of 60S ribosome-nascent chain complexes (By similarity). Acts downstream of the ribosome-associated quality control (RQC) pathway to release non-ubiquitinated nascent chains from 60S and 80S ribosome-nascent chain complexes (By similarity). Does not act on ubiquitinated nascent chains, which are cleaved by ANKZF1 for degradation (By similarity). {ECO:0000250|UniProtKB:Q86Y79}.

Molecular Weight: 22.2 kDa

UniProt: [Q8BW00](#)

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