antibodies

## Datasheet for ABIN3087794 MRPS34 Protein (AA 2-218) (His tag)

Image



Overview

Quantity:	1 mg
Target:	MRPS34
Protein Characteristics:	AA 2-218
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MRPS34 protein is labelled with His tag.
Application:	ELISA, Crystallization (Crys), SDS-PAGE (SDS), Western Blotting (WB)
Product Details	

Sequence:	ARKKVRPRLI AELARRVRAL REQLNRPRDS QLYAVDYETL TRPFSGRRLP VRAWADVRRE SRLLQLLGRL PLFGLGRLVT RKSWLWQHDE PCYWRLTRVR PDYTAQNLDH GKAWGILTFK GKTESEAREI EHVMYHDWRL VPKHEEEAFT AFTPAPEDSL ASVPYPPLLR AMIIAERQKN GDTSTEEPML NVQRIRMEPW DYPAKQEDKG RAKGTPV
	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.
Characteristics:	<ul> <li>Made in Germany - from design to production - by highly experienced protein experts.</li> <li>Human MRPS34 Protein (raised in E. Coli) purified by multi-step, protein-specific process to ensure crystallization grade.</li> <li>State-of-the-art algorithm used for plasmid design (Gene synthesis).</li> </ul>
	This protein is a made to order protein and will be made for the first time for your order. Our experts in the lab will ensure that you receive a correctly folded protein.

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Target:	MRPS34
Alternative Name:	MRPS34 (MRPS34 Products)
Background:	Required for mitochondrial translation, plays a role in maintaining the stability of the small ribosomal subunit and the 12S rRNA that are required for mitoribosome formation.
	{ECO:0000250 UniProtKB:Q9JIK9}.

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Target Details		
Molecular Weight:	26.5 kDa Including tag.	
UniProt:	P82930	
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.	
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value 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:	Unlimited (if stored properly)	

## Images

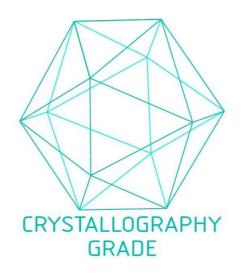


Image 1. "Crystallography Grade" protein due to multi-step,

protein-specific purification process

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