

Datasheet for ABIN7547804

QRSL1 Protein (AA 1-528) (His tag)



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Overview

Quantity:	1 mg
Target:	QRSL1
Protein Characteristics:	AA 1-528
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This QRSL1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat QRSL1 Protein expressed in mammalian cells.
Sequence:	<p>MLGRSLREVS AALKQGQITP TELCQKCLSL IKKTKFLNAY ITVSEEVALK QAESEKRYK NGQSLGDLDG IPIAVKDNFS TSGIETTCAS NMLKGYIPPY NATVVQKLLD QGALLMGKTN LDEFAMGSGS TDGVFGPVKN PWSYSKQYRE KRKQNPSEN ESDWLITGG SSGGSAAAVS AFTCYAALGS DTGGSTRNPA AHCGLVGFKP SYGLVSRHGL IPLVNSMDVP GILTRCVDDA AIVLGALAGP DPRDSTTVHE PINKPFMLPS LADVSKLCIG IPKEYLVPPEL SSEVQSLWSK AADLFESEGA KVIEVSLPHT SYSIVCYHVL CTSEVASNMA RFDGLQYGHR CDIDVSTEAM YAATRREGFN DVVRGRILSG NFFLLKENYE NYFVKAQKVR RLIANDFVNA FNSGVDVLLT PTTLSEAVPY LEFIKEDNRT RSAQDDIFTQ AVNMAGLPAV SIPVALSNQG LPIGLQFIGR AFCDQQLLTV AKWFEKQVQF PVIQLQELMD DCSAVLENEK LASVSLKQ Sequence without tag.</p> <p>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</p>

special request, please contact us.

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 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:

QRSL1

Alternative Name:

QRSL1 ([QRSL1 Products](#))

Background:

Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial (Glu-AdT subunit A) (EC 6.3.5.7) (Glutamyl-tRNA synthase-like protein 1),FUNCTION: Allows the formation of correctly charged Gln-tRNA(Gln) through the transamidation of misacylated Glu-tRNA(Gln) in the mitochondria. The reaction takes place in the presence of glutamine and ATP through an activated gamma-phospho-Glu-tRNA(Gln). {ECO:0000255|HAMAP-Rule:MF_03150, ECO:0000269|PubMed:19805282}.

Molecular Weight:

57.5 kDa

UniProt:

[Q9H0R6](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

	as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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