

Datasheet for ABIN7560796

## QRSL1 Protein (AA 1-525) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	QRSL1
Protein Characteristics:	AA 1-525
Origin:	Mouse
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 Qrs1 Protein expressed in mammalian cells.
Sequence:	<p>MLGRTLREVS AALKQGQVTP TELCKNCLSL IKKTKYLNAY ITVSEEVALK QAESEKRYK</p> <p>QGQSLGDLDG IPVAVKDNFS TTGIETTCAS NMLKGYVPPY NATVVQKLLD QGALLMGKTN</p> <p>LDEFAMGSGS TDGVFGPVRN PWTYSKQYRE RSRQDAGDDS HWLITGGSSG GSAAVAFAFT</p> <p>CFAALGSDTG GSTRNPAAHC GIVGFKPSYG LVSRHGLIPL VNSMDVPGIL TRCVDDTAIV</p> <p>LGTLAGHDPK DSTTVRNPAQ PASVPGGMDV SRLCIGIPKE YLPELSSEV RSLWSQAADL</p> <p>FESEGAKEIE VSLPHTCYSI VCYHVLCTSE VASNMARFDG LQYGHRSGVD VSTEAMYAAT</p> <p>RQEGFNDVVR GRILSGNFFL LKENYENYFV KAQKVRRILV KDFVDVFESG VDVLLTPPTL</p> <p>TEAVPYLEFI KEDNRTRSAQ DDIFTQAVNM AGLPAVSVPV ALSNQGPIG LQLIGRAFCD</p> <p>QQLLTVAKWF EKQVQFPVIQ LQGLMDDGSL VLENGKLTSA SLTQR <b>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</b></p>

### **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:

Qrs11 ([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}.

#### Molecular Weight:

56.8 kDa

#### UniProt:

[Q9CZN8](#)

## 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

Application Details

	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