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Datasheet for ABIN1633097

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

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | QRSL1 |
| Protein Characteristics: | AA 1-525 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This QRSL1 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|--|
| Sequence: | MLGRTLREVS SALKQGHITP TELCKKCLSL IKKTKYLNAY ITVSEEVALK QAESEKRYK QGQSLGDLDG IPVAVKDNFS TSGIETTCAS NMLKGYLPPY NATVVQRLLD QGALLMGKTN LDEFAMGSGS TDGVFGPVKN PWTYSKQYRE RSRQDAQEDS HWLITGGSSG GSAAAVAAFT CFAALGSDTG GSTRNPAAHC GTVGFKPSYG LVSRHGLIPL VNSMDVPGIF TRCVDDTAIV LGVLAGHDPK DSTTVNDPVK PTTLPSPVDV SGLCIGIPKE YLVPELSSEI RSLWSQAADL FEAEGARVIE VCLPHTCYSI VCYHVLCTSE VASNMARFDG LQYGHRSAMD MSSTEALYAA TRQEGFNDVV KGRILSGNFF LLKENYENYF VKAQKVRRLI VNDFVNVFGS GVDVLLTPPT LTQAVPYLEF IKEDNRTRSA QDDIFTQAVN MAGLPAVNVP VALSSQGLPI GLQLIGRAFC DQQLLTVAKW FEKQVQFPVI QLQDLMDDGS LVPENGKLTS GSLTQ |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time. |

Product Details

Purity: > 90 %

Target Details

Target: QRSL1

Alternative Name: Glutamyl-tRNA (Gln) amidotransferase subunit A, mitochondrial (QrsI1) ([QRSL1 Products](#))

Background: Recommended name: Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial.
Short name= Glu-AdT subunit A.
EC= 6.3.5.-.
Alternative name(s): Glutaminyl-tRNA synthase-like protein 1

UniProt: [Q5FWT5](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.