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Recombinant Arginyl tRNA Synthetase 2, Mitochondrial (RARS2)

Catalog Number: SIPG085Ra01 **Spec: 10ug**

Product Name	Recombinant Arginyl tRNA Synthetase 2, Mitochondrial (RARS2)
Catalog Number	SIPG085Ra01
Organism Species	Rat
Source	Prokaryotic expression
Host	E.coli
Residues	Val313~Cys578
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Original Concentration	100μg
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	8.7
Predicted Molecular Mass	33.9kDa
Accurate Molecular Mass	34kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

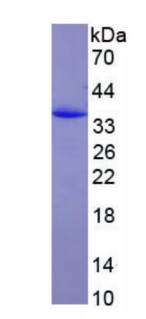
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

VMRSDGTS LYATRDLAAA IHRKDKYNFD TMIYVADKGQ KRHFQQVFQM LKIMGHEWAE RCQHVPFGIV KGMKTRRGEV TFLEDVLNEV QSRMLQNMAS IKTTKKMENP RETAEKVGLA ALIIQDFRGL LLSDYQFSWD RVFQSRGDTG VFLQYTHARL CSLEETFGCG YLNDFNVACL QEPQSVSILQ HLLRFDEVLY TASQDLQPKH IVSYLLTLSH LAAVAHKTLQ VKDSPPEVAG ARLHLFKAVR SVLANGMKLL GITPLAVC

[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.