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Recombinant Leucyl tRNA Synthetase 2, Mitochondrial (LARS2)

Catalog Number: SIPG083Hu01 **Spec: 10ug**

Product Name	Recombinant Leucyl tRNA Synthetase 2, Mitochondrial (LARS2)
Catalog Number	SIPG083Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Leu677~Asp903
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	7.9
Predicted Molecular Mass	29.1kDa
Accurate Molecular Mass	29kDa 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

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]

LWDV KTDALPGVLR WQQRLWTLTT RFIEARASGK SPQPQLLSNK EKAEARKLWE YKNSVISQVT THFTEDFSLN
SAISQLMGLS NALSQASQSV ILHSPEFEDA LCALMVMAAP LAPHVTSEIW AGLALVPRKL CAHYTWDASV LLQAWPAVDP
EFLQQPEVVQ MAVLINNKAC GKIPVPQQVA RDQDKVHEFV LQSELGVRLL QGRSIKKSFL SPRTALINFL VQD

[IDENTIFICATION]

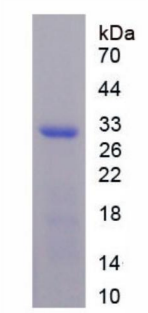


Figure. SDS-PAGE

[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.