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Recombinant Tyrosyl tRNA Synthetase (YARS)

Catalog Number: SIPD399Hu01 **Spec: 50ug**

Product Name	Recombinant Tyrosyl tRNA Synthetase (YARS)
Catalog Number	SIPD399Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Gly2~Ser528
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	100μg/mL
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	6.6
Predicted Molecular Mass	62.7kDa
Accurate Molecular Mass	63kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-0.5 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

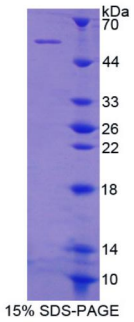
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

GDAPSPEEK LHLITRNLQE VLGEEKLKEI LKERELKIYW GTATTGKPHV
AYFVPMSKIA DFLKAGCEVT ILFADLHAYL DNMKAPWELL ELRVSYYENV
IKAMLESIGV PLEKLKFIKG TDYQLSKEYT LDVYRLSSVV TQHDSKKAGA
EVVKQVEHPL LSGLLYPGLQ ALDEEYLKVD AQFGGIDQRK IFTFAEKYLP
ALGYSKRVHL MNPMVPGLTG SKMSSSEEES KIDLLDRKED VKKKLKKAFC
EPGNVENNGV LSFIKHVLFP LKSEFVILRD EKWGGNKTYT AYVDLEKDFA
AEVVHPGDLK NSVEVALNKL LDPIREKFNT PALKKLASAA YPDPSKQKPM
AKGPAKNSEP EEVIPSRLDI RVGKIITVEK HPDADSLYVE KIDVGEAEPR
TVVSGLVQFV PKEELQDRLV VVLCNLKPQK MRGVESQGML LCASIEGINR
QVEPLDPPAG SAPGEHVFVK GYEKGQPDEE LKPKKKVFEK LQADFKISEE
CIAQWKQTNF MTKLGSISCK SLKGGNIS

[IDENTIFICATION]



15% 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.