

RPD003Hu01 10µg

Recombinant Tyrosyl tRNA Synthetase (YARS)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

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 2-8°C for one month.

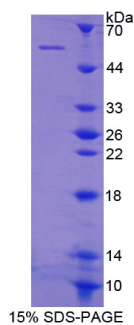
Aliquot and store at -80°C for 12 months.

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]

GDAPSPEEK LHLITRNLQE VLGEEKLKEI LKERELKIYW GTATTGKPHV
 AYFVPMASKIA DFLKAGCEVT ILFADLHAYL DNMKAPWELL ELRVSYENV
 IKAMLESIGV PLEKLKFIKG TDYQLSKEYT LDVYRLSSVV TQHDSKKAGA
 EVVKQVEHPL LSGLLYPGLQ ALDEEYLKVD AQFGGIDQRK IFTFAEKYLP
 ALGYSKRVLH MNPMPVGLTG SKMSSEEEES KIDLLDRKED VKKKLKKAFK
 EPGNVENNGV LSFVKHVLFP LKSEFVILRD EKWGGNKTYT AYVDLEKDKA
 AEVVHPGDLK NSVEVALNKL LDPIREKFNT PALKKLASAA YPDPSKQKPM
 AKGPAKNSEP EEVIPSRLDI RVGKIITVEK HPDADSLYVE KIDVGAEPR
 TVVSGLVQFV PKEELQDRLV VVLCNLKPQK MRGVESQGML LCASIEGINR
 QVEPLDPPAG SAPGEHVFVK GYEKGQPDDE LKPKKKVFKE LQADFKISEE
 CIAQWKQTNF MTKLGSISCK SLKGGNIS

[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.