

Tyrosyl tRNA Synthetase Recombinant Protein | YARS recombinant protein

Recombinant Tyrosyl tRNA Synthetase (YARS)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144168	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Tyrosyl tRNA Synthetase; Recombinant Tyrosyl tRNA Synthetase (YARS); YARS recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	GDAPSPEEKL HLITRNLQEV LGEEKLKEIL KERELKIYWG TATTGKPHVA YFVPMSKIAD FLKAGCEVTI LFADLHAYLD NMKAPWELLE LRVSYENVI KAMLESIGVP LEKLFIKGT DYQLSKEYTL DVYRLSSVVT QHDSKKAGAE VVKQVEHPLL SGLLYPGLQA LDEEYLVKDA QFGGIDQRKI FTFAEKYLPALGYSKRVHLM NPMVPGLTGS KMSSEEEESK IDLLDRKEDV KKKLKKAFCE PGNVENNGVL SFIKHVLFPL KSEFVILRDE KWGGNKTYTA YVDLEKDFAA EVVHPGDLKN SVEVALNKLL DPIREKFNTPL ALKKLASAAY PDPSKQKPMA KGPAKNSEPE EVIPSRLDIR VGKIITVEKH PDADSLYVEK IDVGAEAPRT VVSGLVQFVP KEELQDRLVV VLCNLKPQKM RGVESQGMLL CASIEGINRQ VEPLDPPAGS APGEHVFKG YEKGQPDEEL KPKKKVFEKL QADFKISEEC IAQWKQTNFM TKLGSISCKS LKGGNIS
Applicable Applications for YARS recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gly2~Ser528
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	19170858
NCBI GeneID	859121
UniProt Accession #	Q8SRV7
Molecular Weight	Predicted Molecular Mass: 62.7kDa Accurate Molecular Mass: 63kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	TYROSYL tRNA SYNTHETASE
NCBI Official Symbol	ECU05_1120i
NCBI Protein Information	TYROSYL tRNA SYNTHETASE
UniProt Protein Name	Probable tyrosine--tRNA ligase, cytoplasmic
UniProt Gene Name	ECU05_1120i
UniProt Synonym Gene Names	TyrRS
UniProt Entry Name	SYYC_ENCCU

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.