

Product datasheet for TP508462

Yars (NM_134151) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse tyrosyl-tRNA synthetase (Yars), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR208462 protein sequence
Red=Cloning site **Green**=Tags(s)

MGDAPSPEEKHLITRNLQEVLGEEKLKEILKERELKVYWGTTATTGKPHVAYFVPMKSIADFLKAGCEVT
ILFADLHAYLDNMKAPWELLELRTSYENVIKAMLESIGVPLEKLFKIKGTDYQLSKEYTLDVYRLSSVW
TQHDAKKAGAEVVKQVEHPLLSGLLYPGLQALDEEYLKVDQAQFGGVDQRKIFTFAEKYLPALGYSKRVHL
MNPMPVPLTGTGSKMSSSEESKIDLLDRKEDVKKLKKAFCEPGNVENNGVLSFIKHVLFPLKSEFVILRD
EKWGGNKTYTVYLELEKDFAAEWHVPGDLKNSVEVALNKLLDPIREKFNTPALKKLASAAYPDPSKQKPP
AKGPAKNSEPEEVIPSRLDIRVGKILSVEKHPDADSLYVEKIDVGEAEPRTVVSGLVQFVPKEELQDRLV
VWLCNLKPQKMRGVDSQGMLLCASVEGVSRQVEPLDPPAGSAPGERVQVQGYEKGQPDEELKPKKKVFEK
LQADFKISEECIAQWKQTNFMTKLG FV SCKSLKGGNIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 59.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

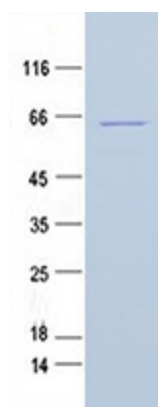
RefSeq: [NP_598912](#)



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Locus ID:	107271
UniProt ID:	Q91WQ3 , A2A7S7
RefSeq Size:	2874
Cytogenetics:	4 D2.2
RefSeq ORF:	1587
Synonyms:	AL024047; AU018965
Summary:	Catalyzes the attachment of tyrosine to tRNA(Tyr) in a two-step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr). [UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Yars was analyzed by SDS-PAGE gel and Coomassie Blue Staining.