

Recombinant Human YARS Protein (Gly2-Ser528), His tagged

Cat. No. YARS-5224H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human YARS (Gly2-Ser528) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly2-Ser528
Description	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) .
Form	Lyophilized powder/frozen liquid
Molecular Mass	58.04 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

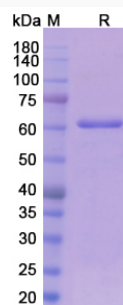
Gene Name	YARS tyrosyl-tRNA synthetase [Homo sapiens (human)]
Official Symbol	YARS
Synonyms	YARS; tyrosyl-tRNA synthetase; tyrosine--tRNA ligase, cytoplasmic; tyrosine tRNA ligase 1; cytoplasmic; tyrRS; YRS; YTS; tyrosyl--tRNA ligase; tyrosine tRNA ligase 1, cytoplasmic; tyrosyl-tRNA synthetase, cytoplasmic; TYRRS; CMTDIC;
Gene ID	8565
mRNA Refseq	NM_003680
Protein Refseq	NP_003671
MIM	603623
UniProt ID	P54577

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SDS-PAGE



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