

## Recombinant Human YARS protein, GST-tagged

Cat. No. YARS-3776H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human YARS protein(P54577)(2-528aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-528aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	86 kDa
<b>AA Sequence</b>	<p>GDAPSPEEKLHLITRNLQEVLGEEKLKEILKERELKIYWGTTATTGKPHVAYFVPMSKI  ADFLKAGCEVTILFADLHAYLDNMKAPWELLELRVSYENVIKAMLESIGVPLEKLFKI  KGTDYQLSKEYTLDVYRLSSVVTQHDSKKAGAEVVKQVEHPLLSGLLYPGLQALDE  EYLKVDQAQFGGIDQRKIFTFAEKYLPALGYSKRVHLMNPMVPGLTGSKMSSSEESK  IDLLDRKEDVKKKLLKAFCEPGNVENNGVLSFIKHVLFPLKSEFVILRDEKWGGNKTY  TAYVDLEKDFAAEVVHPGDLKNSVEVALNKLLDPIREKFNTPALKKLASAAYPDPSK  QKPKMAKGPANKSEPEEVIPSRLDIRVGGKIITVEKHPDADSLYVEKIDVGEAEPRTVVS  GLVQFVPKEELQDRLVVVLCNLKPQKMRGVESQGMLLCASIEGINRQVEPLDPPAG  SAPGEHVVFVKGYEKQGPDEELKPKKKVFEKQLQADFKISEECIAQWKQTNFMTKLGI</p>

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SCKSLKGGNIS

**Purity** Greater than 90% as determined by SDS-PAGE.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [YARS tyrosyl-tRNA synthetase \[ Homo sapiens \]](#)

**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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