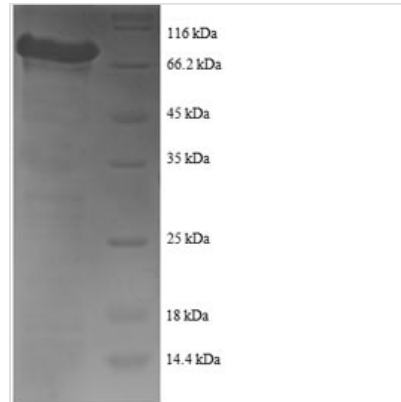




Recombinant Human Tyrosine--tRNA ligase, Cytoplasmic domain (YARS1)

Product Code	CSB-EP026245HU
Relevance	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).
Abbreviation	Recombinant Human YARS1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P54577
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GDAPSPEEKLHLITRNLQEVLGEEKLKEILKERELKIYWGTATTGKPHVAYFVP MSKIADFLKAGCEVTILFADLHAYLDNMKAPWELLELRVSYENVIKAMLESIGV PLEKLFKIKGTDYQLSKEYTLDVYRLSSVVTQHDSKKAGAEVVKQVEHPLL SGL LYPGLQALDEEYLKVDAQFGGIDQRKIFTFAEKYLPALGYSKRVHLMNPMVPG LTGSKMSSEEEESKIDLLDRKEDVKKKLLKAFCEPGNVENNGVLSFIKHVLFPL KSEFVILRDEKWGGNKTYTAYVDLEKDFAAEVVHPGDLKNSVEVALNKLLDPIR EKFNTPALKKLASAAYPDPKQKPKMAKGPANSEPEEVIPSRLDIRVGKIITVEK HPDADSLYVEKIDVGEAEPRTVVSGLVQFVPKEELQDRLVVVLCNLKPQKMRG VESQGMLLCASIEGINRQVEPLDPPAGSAPGEHV FVKGYEKGPDEELKPKKK VFEKLQADFKISEECIAQWKQTNFMTKLGSI SCKSLKGGNIS
Research Area	Metabolism
Source	E.coli
Target Names	YARS1
Expression Region	2-528aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	86.0kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.