



Recombinant Human Tyrosine--tRNA ligase, mitochondrial (YARS2)

Product Code	CSB-YP896882HU
Abbreviation	YARS2
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.	Q9Y2Z4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	TLNL SVLLPLGLRK AHSGAQGLLA AQKARGLFKD FFPETGTKIE LPELFDGRGTA SFPQTIYCGF DPTADSLHVG HLLALLGLFH LQRAGHNVIA LVGGATARLG DPSGRTKERE ALETERVRAN ARALRLGLEA LAANHQQQLFT DGRSWG SFTV LDNSAWYQKQ HLVDFLAAVG GHFRMGTTLS RQSVQLRLKS PEGMSLAEFF YQVLQAYDFY YLFQRYGCRV QLGGSDQLGN IMSGYEFINK LTGEDVFGIT VPLITSTTGA KLGKSAGNAV WLNDRDKTSPF ELYQFFVRQP DDSVERYLKL FTFLPLPEID HIMQLHVKEP ERRGPQKRLA AEVTKLVHGR EGLDSA KRCT QALYHSSIDA LEVMSDQELK ELFKEAPFSE FFLDPGTSVL DTCRKANAIP DGPRGYRMIT EGGVSINHQQ VTNPESVLIV GQHILKNGLS LLKIGKRNFY IIKWLQL
Source	Yeast
Target Names	YARS2
Protein Names	Recommended name: Tyrosine--tRNA ligase, mitochondrial EC= 6.1.1.1 Alternative name(s): Tyrosyl-tRNA synthetase Short name= TyrRS
Expression Region	17-477
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
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.