



Recombinant Danio rerio Probable glutamate--tRNA ligase, mitochondrial (ears2)

Product Code	CSB-EP609516DIL-B
Abbreviation	ears2
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.	Q0P499
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	>85% (SDS-PAGE)
Sequence	<p> APSPTGFL HLGGLRTALY NFLFSRQRRG VFILRLETD QKRLVPGAAE HIEDMLEWAG IPPDESSRRG GDYGPYVQSE RLHLYTEAAS SLLNTGHAYY CFCSNQRLLEL LKKEAQRSGH APRYDNRCCR LQPQQVEQKL AAGVPAVVRV KLHTGTEEFQ DLVFGWTGHA VGAVEGDPVI LKADGYPTYH LASVDDHHM RISHVLRGCE WLISSAKHLQ LYRALRWTPP TYAHLPLLLN RDGSKLSKRQ GDIFLQSFDRD RGVLPETLLD LVTHAGSGFS DNRMGRRLLDE LIRDFNISKI TTHSALLDLK KLEEF SRLHL QRRIEDPQQC VWLCEELKQM VKHTHSSEIS AAVLEPEYI ERVLQLRKGH ISSLQDLLSS THSYLWVRPR VSQTQLQSES AHAKDIATAV MQMVLGGSL VSMERLSSEL KQISSRTNST HSSVMKVLRL LLSAQQRGPS VAEMMLSLGE QEVCVRLQKA LEL </p>
Source	E.coli
Target Names	ears2
Protein Names	Recommended name: Probable glutamate--tRNA ligase, mitochondrial EC= 6.1.1.17 Alternative name(s): Glutamyl-tRNA synthetase Short name= GluRS
Expression Region	23-503
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.