



Recombinant Human Probable glutamate--tRNA ligase, mitochondrial (EARS2)

Product Code	CSB-EP705509HU-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.	Q5JPH6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p> APSPTGFLH LGGLRTALYN YIFAKKYQGS FILRLEDTDQ TRVVPGAAEN IEDMLEWAGI PPDESPRRGG PAGPYQQSQR LELYAQATEA LLKTGAAYPC FCSPQRLELL KKEALRNHQT PRYDNRRCRNM SQEQVAQKLA KDPKPAIRFR LEQVVPAFQD LVYGWNRHEV ASVEGDPVIM KSDGFPTYHL ACVVDDHHMG ISHVLRGSEW LVSTAKHLLL YQALGWQPPH FAHLPLLLNR DGSKLSKRQG DVFLEHFAAD GFLPDSLLDI ITNCGSGFAE NQMGRTPPEL ITQFNLTQVT CHSALLDLEK LPEFNRLHLQ RLVSNESQRR QLVGKLQVLV EEAFGCQLQN RDVLNPVYVE RILLRQGH I CRLQDLVSPV YSYLWTRPAV GRAQLDAISE KVDVIAKRVL GLLERSSMSL TQDMLNGELK KLSEGLEGTK YSNVMKLLRM ALSGQQQGPP VAEMMLALGP KEVRERIQKV VSS </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	42-523
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.