



Recombinant Bacillus cereus Proline--tRNA ligase 2 (proS2)

Product Code	CSB-EP723635BAAD-B
Abbreviation	proS2
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.	Q63GI2
Product Type	Recombinant Protein
Immunogen Species	Bacillus cereus (strain ZK / E33L)
Purity	≥85% (SDS-PAGE)
Sequence	MAKEQVQAIT KMEEDFAQWY TDIVKKAELV DYSSVKGCM I LRPYGYALWE NMQKVMDEKL KATGHENVYM PMFIPESELLQ KEKDHVEGFA PEVAWVTHGG DEKLAERLCI RPTSETLFCE HFSKIVQSYN DLPKLYNQWC SVVRWEKTTR PFLRTTEFLW QEGHTIHETA EESQAETLNI LNLYASFCE YLAIPVIKGQ KTEKEKFAGA KATYTIESLM HDGKALQTGT SHNFGTNFSE AFDIKFLDRT GKWQYVHQTS WGVSTRMIGG LIMVHGDNNG LVMPPKVAPV QVVIVPIAQH KEGVLAKAIE LQGHQKVAR VKIDASNKTP GWKFNEYEMK GIPIRLEVGP KDIEKNQVVL VRRDTKEKEF ISMDQLEERI PALLEEIHNS LFNKAKVFRD ENTYSVTNFE EMKKIADEKQ GFIKAMWCGE LACEEKLKEE VGVSSRCMPF EQEHLADECV CCGKEAKQMV YWGKAY
Source	E.coli
Target Names	proS2
Protein Names	Recommended name: Proline--tRNA ligase 2 EC= 6.1.1.15 Alternative name(s): Prolyl-tRNA synthetase 2 Short name= ProRS 2
Expression Region	1-476
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 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.