



Recombinant Isoleucine--tRNA ligase (ileS), partial

Product Code	CSB-MP727583BUI
Abbreviation	ileS
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.	Q65ZU1
Product Type	Recombinant Protein
Immunogen Species	Borrelia burgdorferi (strain ATCC BAA-2496 / DSM 23469 / PBI) (Borrelia burgdorferi)
Purity	≥85% (SDS-PAGE)
Source	Mammalian cell
Target Names	ileS
Protein Names	Recommended name: Isoleucine--tRNA ligase EC= 6.1.1.5 Alternative name(s): Isoleucyl-tRNA synthetase Short name= IleRS
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	Partial
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.