



Recombinant Arabidopsis thaliana Putative glycine--tRNA ligase, cytoplasmic (At1g29870)

Product Code	CSB-EP861895DOA
Abbreviation	At1g29870
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.	Q9FXG2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MDAPEQSFLR EKSLAVEDQE LAVGTLEDSE AAKPETNAAI ELPNKSKEPK SAVEKDREDF REAVVKTLDR LLFVHKSFDI YHGVAGLYDF GPHGRTVELN ILSLWRKCFV DEEDMMEVAC TALTPEAVFN ASGHVKKFTD LMVKDEVDGA FHRADHLVKS YCENRKKDPT ISAENAAELD KVIHVEDLS AEELGGVWNH CSTAPVTKNP LSHPPRPFNL MFQTSFGASG SLIGYLRPET AQSFCNFKD YYNLNGRKLP FAVAQVGRVF RNEISPRQGL LRTREFTLAE IEHFVHPEHK SHSKFSDVAK LELLMFPREE QEKPGQFAKR LCLGEAVAKG HVNSETLGFF IGRVYLFLIR LGIDKERLRF RHHLANEMAH YATDCWDAEI ECSYGWIECV GIADRSYDL RAHSEKSGHA LVAQEKLAEP IEVEKLAITP EMKELGPAFK GNQKNVVEAL EVD
Source	E.coli
Target Names	At1g29870
Protein Names	Recommended name: Putative glycine--tRNA ligase, cytoplasmic EC= 6.1.1.14 Alternative name(s): Diadenosine tetraphosphate synthetase Short name= AP-4-A synthetase Glycyl-tRNA synthetase Short name= GlyRS
Expression Region	1-463
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.



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