



Recombinant Escherichia coli Phenylacetate-coenzyme A ligase (paaK)

Product Code	CSB-EP305146ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P76085
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MITNTKLDPI ETASVDELQA LQTQRLKWTL KHAYENVPMY RRFDAAGVH PDDFRELSDL RKFPCTTKQD LRDNYPFDTF AVPMQVRI HASSGTTGKP TVVGYTQNDI DNWANIVARS LRAAGGSPKD KIHVAYGYGL FTGGLGAHYG AERLGATVIP MSGGQTEKQA QLIRDFQPDM IMVTPSYCLN LIEELERQLG GDASGCSLRV GVFGAEPWTQ AMRKEIERRL GITALDIYGL SEVMGPGVAM ECLETTDGPT IWEDHFYPEI VNPHDGTPLA DGEHGELLFT TLTKEALPVI RYRTRDLTRL LPGTARTMRR MDRISGRSDD MLIIRGVNVF PSQLEEEIVK FEHLSPHYQL EVNRRGHLDS LSVKVELKES SLTLTHEQRC QVCHQLRHRI KSMVGISTDV MIVNCGSIPR SEGKACRVFD LRNIVGA
Source	E.coli
Target Names	paaK
Protein Names	Recommended name: Phenylacetate-coenzyme A ligase EC= 6.2.1.30 Alternative name(s): Phenylacetyl-CoA ligase Short name= PA-CoA ligase
Expression Region	1-437
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.