



Recombinant Escherichia coli Spermidine/putrescine import ATP-binding protein PotA (potA)

Product Code	CSB-EP304043ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P69874
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MGQSKKLNKQ PSSLSPLVQL AGIRKCFDGK EVIPQLDLTI NNGEFLTLLG PSGCGKTTVL RLIAGLETVD SGRIMLDNED ITHVPAENRY VNTVFQSYAL FPHMTVFENV AFGLRMQKTP AAETPRVME ALRMVQLETF AQRKPHQLSG GQQQRVAIAR AVVNKPRLLL LDESLSALDY KLRKQMNEL KALQRKLGIT FVFTVDQEE ALTMSDRIVV MRDGRIEQDG TPREIYEEK NLFVAGFIGE INMFNATVIE RLDEQRVRAN VEGRECNIYV NFAVEPGQKL HVLLRPEDLR VEEINDNHA EGLIGYVRER NYKGMTLESV VELENGKMVM VSEFFNEDDP DFDHSLDQKM AINWVESWEV VLADEEHK
Source	E.coli
Target Names	potA
Protein Names	Recommended name: Spermidine/putrescine import ATP-binding protein PotA EC= 3.6.3.31
Expression Region	1-378
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.