



Recombinant Trk system potassium uptake protein trkA (trkA)

Product Code	CSB-EP314596EGX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0AGI9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKIIILGAGQ VGGTLAENLV GENNDITVVD TNGERLRTLQ DKFDLRVVQG HGSHPRVLRE AGADDADMLV AVTSSDETNM VACQVAYSLF NTPNRIARIR SPDYVRDADK LFHSDAVPID HLIAPEQLVI DNIYRLIEYP GALQVVNFAE GKVS LAVVKA YYGGPLIGNA LSTMHREMPH IDTRVAAIFR HDRPIRPQGS TIVEAGDEVF FIAASQHIRA VMSELQRLEK PYKRIMLVGG GNIGAGLARR LEKDYSVKLI ERNQQRAAEL AEKLQNTIVF FGDASDQELL AEEHIDQVDL FIAVTNDDEA NIMSAMLAKR MGAKKVMVLI QRRAYVDLVQ GSVIDIAISP QQATISALLS HVRKADIVGV SSLRRGVAEA IEAVAHGDES TSRVVGRVID EIKLPPGTII GAVVRGNDVM IANDNLRIEQ GDHVIMFLTD KKFITDVERL FQPSPFFL
Source	E.coli
Target Names	trkA
Protein Names	Recommended name: Trk system potassium uptake protein trkA Short name=K(+)-uptake protein trkA
Expression Region	1-458
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.