



Recombinant Escherichia coli O45:K1 Potassium-transporting ATPase B chain (kdpB)

Product Code	CSB-CF487773EOK
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B7MFW2
Product Type	Transmembrane Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Sequence	MSRKQLALFEPTLVVQALKEAVKKNPQAQWRNPVMFIVWIGSLLTTCISIAMA SDVMMPG NALFSAAISGWLWVTVLFANFAEALAEGRSKAQANSLKGVKKTAFARKLREPK YGAAADK VPADQLRKGDIVLVEASDIIPCDGEVIEGGASVDESAITGESAPVIRESGGDFAS VTGGT RILSDWLVEICSVNPGETFLDRMIAMVEGAQRRKTPNEIALTILLIALTIVFLLATA TLW PFSAWGGNAVSVTVLVALLVCLIPTTIGGLLSAIGVAGMSRMLGANVIATSGRA VEAAGD VDVLLDKTGTITLGNRQASEFIPAQGVEEKALADAAQLASLADETPEGRSIVIL AKQRF NLRERDVQSLHATFVPFTAQSRMSGINIDNRMIRKGSVDAIRRHVEANGGHFP ADVDQKV DQVARQGATPLVVVEGSRVLGVIALKDIVKGGIKERFAQLRKMGIKTVMITGDN RLTAAA IAAEAGVDDFLAEATPEAKLALIRQYQAEGRLVAMTGDGTNDAPALAQADVAV AMNSGTQ AAKEAGNMVDLDSNPTKLIEVVHIGKQMLMTRGSLTTFSIANDVAKYFAIIPAAF AATYP QLNALNIMRLHSPDSAILSAVIFNALIIVFLIPLALKGVSYKPLTASAMLRRLWIY GLG GLLVPPFIGIKVIDLLLTVCGLV
Source	in vitro E.coli expression system
Target Names	kdpB
Protein Names	Recommended name: Potassium-transporting ATPase B chain EC= 3.6.3.12 Alternative name(s): ATP phosphohydrolase [potassium-transporting] B chain Potassium-binding and translocating subunit B Potassium-translocating ATPase B chain
Expression Region	1-682
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



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.