



# Recombinant Escherichia coli O7:K1 Potassium-transporting ATPase B chain (kdpB)

<b>Product Code</b>	CSB-CF486369EON
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B7NMQ0
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
<b>Sequence</b>	MSRKQLALFEPTLVVQALKEAVKCLNPQAQWRNPVMFIVWIGSLLTTCISIAMA SGAMPG NALFSAAISGWLWVTVLFANFAEALAEGRSKAQANSLKGVKKTAFARKLREPK YGAAADK VPADQLRKGDIVLVEAGDIIPCDGEVIEGGASVDESAITGESAPVIRESGGDFAS VTGGT RILSDWLVEICSVNPGETFLDRMIAMVEGAQRRKTPNEIALTILLIALTIVFLLATA TLW PFSAWGGNAVSVTVLVALLVCLIPTTIGGLLSAIGVAGMSRMLGANVIATSGRA VEAAGD VDVLLDKTGTITLGNRQASEFIPAQGVDEKTLADAAQLASLADETPEGRSIVIL AKQRF NLRERDVQSLHATFVPFTAQSRMSGINIDNRMIRKGSVDAIRRHVEANGGHFP ADVDQKV DQVARQGATPLVVVEGSRVLGVIALKDIVKGGIKERFAQLRKMGIKTVMITGDN RLTAAA IAAEAGVDDFLAEATPEAKLALIRQYQAEGRLVAMTGDGTNDAPALAQADVAV AMNSGTQ AAKEAGNMVDLDSNPTKLIEVVHIGKQMLMTRGSLTTFSIANDVAKYFAIIPAAF AATYP QLNALNIMRLHSPDSAILS AVIFNALIIVFLIPLALKGVSYKPLTASAMLRRLWIY GLG GLLVPPFIGIKVIDLLLTVCGLV
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	kdpB
<b>Protein Names</b>	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
<b>Expression Region</b>	1-682
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	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.