



# Recombinant Escherichia coli O8 Potassium-transporting ATPase B chain (kdpB)

<b>Product Code</b>	CSB-CF487684E00
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B7M5L3
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Escherichia coli O8 (strain IA11)
<b>Sequence</b>	MSRKQLALFEPTLVVQALKEAVKKNPQAQWRNPVMFIVWIGSLLTTCISIAMA SGAMPG NALFSAAISGWLWVTVLFANFAEALAEGRSKAQANSLKGVKKTAFARKLREPK YGAAADK VPADQLRKGDIVLVEAGDIIPCDGEVIEGGASVDESAITGESAPVIRESGGDFAS VTGGT RILSDWLVEICSVNPGETFLDRMIAMVEGAQRRKTPNEIALTILLIALTIVFLLATA TLW PFSAWGGNAVSVTVLVALLVCLIPTTIGGLLSAIGVAGMSRMLGANVIATSGRA VEAAGD VDVLLDKTGTITLGNRQASEFIPAQGVDEKTLADAAQLASLADETPEGRSIVIL AKQRF NLRERDVQSLHATFVPFTAQSRMSGINIDNRMIRKGSVDAIRRHIEANGGHFPT DVDQKV DQVARQGATPLVVVEGSRVLGVIALKDIVKGGIKERFAQLRQMGIKTVMITGDN 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.