



# Recombinant Arabinose import ATP-binding protein AraG (araG)

<b>Product Code</b>	CSB-EP359451EOD-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	P0AAF5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>           MQQSTPYLSF RGIGKTFPGV KALTDISFDC YAGQVHALMG ENGAGKSTLL            KILSGNYAPT TGSVINGQE MSFSDTTAAL NAGVAIIYQE LHLVPEMTVA            ENIYLGQLPH KGGIVNRSLN NYEAGLQLKH LGMDIDPDTP LKYLSIGQWQ            MVEIAKALAR NAKIIAFDEP TSSLSAREID NLFRVIRELR KEGRVILYVS            HRMEEIFALS DAITVFKDGR YVKTFDTMQQ VDHDALVQAM VGRDIGDIYG            WQPRSYGEER LRLDAVKAPG VRTPISLAVR SGEIVGLFGL VGAGRSELMK            GMFGGTQITA GQVYIDQQPI DIRKPSHAIA AGMMLCPEDR KAEGIIPVHS            VRDNINISAR RKHVLGGCVI NNGWEENNAD HHIRSLNIKT PGAEQLIMNL            SGGNQQKAIL GRWLSEEMKV ILLDEPTRGI DVGAKHEIYN VIYALAAQGV            AVLFASSDLP EVLGVADRIV VMREGEIAGE LLHEQADERQ ALSLAMPKVS            QAVA         </p>
<b>Source</b>	E.coli
<b>Target Names</b>	araG
<b>Protein Names</b>	Recommended name: Arabinose import ATP-binding protein AraG EC= 3.6.3.17
<b>Expression Region</b>	1-504
<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
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.