



Recombinant Escherichia coli Arabinose import ATP-binding protein AraG (araG)

Product Code	CSB-EP636139EGW
Abbreviation	araG
Storage	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.
Uniprot No.	Q1RAN8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain UTI89 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MQQSTPYLSF RGIGKTFPGV KALTDISFDC YAGQVHALMG ENGAGKSTLL KILSGNYAPT TGSVINGQE MSFSDTTAAL NAGVAIIYQE LHLVPEMTVA ENIYLGQLPH KGGIVNRSLL NYEAGLQIKH LGMDIDPDTP LKYLSIGQWQ MVEIAKALAR NAKIIAFDEP TSSLSAREID NLFVRVIRELR 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
Source	E.coli
Target Names	araG
Protein Names	Recommended name: Arabinose import ATP-binding protein AraG EC= 3.6.3.17
Expression Region	1-504
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.