



# Recombinant Escherichia coli Argininosuccinate synthase (argG)

<b>Product Code</b>	CSB-EP002234ENP
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B1IQV0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTTILKHLPV GQRIGIAFSG GLDTSAALLW MRQKGAVPYA YTANLGQPDE EDYDAIPRRA MEYGAENARL IDCRKQLVAE GIAAIQCGAF HNTTGGLTYF NTTPLGRAVT GTMLVAAMKE DGVNIWGDGS TYKGN DIERF YRYGLLTNAE LQIYKPWLDT DFIDELGGRH EMSEFMIACG FDYKMSVEKA YSTDSNMLGA THEAKDLEYL HSSVKIVNPI MGVKFWDESV KIPAE ETVR FEQGH PVALN GKTFSDDVEM MLEANRIGGR HGLGMSDQIE NRIIEAKSRG IYEAPGMALL HIAYERLLTG IHNEDTIEQY HAHGRQLGRL LYQGRWFDSQ ALMLRDSLQR WVASQITGEV TLELRGNDY SILNTVSENL TYKPERLTME KGDSVFSPDD RIGQLTMRNL DITDTREKLF GYAKTGLLSS SAASGVPQVE NLENKGQ
<b>Source</b>	E.coli
<b>Target Names</b>	argG
<b>Protein Names</b>	Recommended name: Argininosuccinate synthase EC= 6.3.4.5 Alternative name(s): Citrulline--aspartate ligase
<b>Expression Region</b>	1-447
<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.