



Recombinant Escherichia coli Argininosuccinate synthase (argG)

Product Code	CSB-YP002234ENU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	C4ZSR2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	MTTILKHLPV GQRIGIAFSG GLD TSAALLW MRQKGAVPYA YTANLGQPDE EDYDAIPRRA MEYGAENARL IDCRKQLVAE GIAAIQCGAF HNTTGGLTYF NTTPLGRAVT GTMLVAAMKE DGVNIWGDGS TYKGN DIERF YRYGLLTNAE LQIYKPWLDT DFIDELGGRH EMSEFMIACG FDYKMSVEKA YSTDSNMLGA THEAKDLEYL NSSVKIVNPI MGVKFWDESV KIPAE ETVR FEQGH PVALN GKTF SDDVEM MLEANRIGGR HGLGMSDQIE NRIIEAKSRG IYEAPGMALL HIAYERLLTG IHNEDTIEQY HAHGRQLGRL LYQGRWFDSQ ALMLRDSLQR WVASQITGEV TLELRGNDY SILNTVSENL TYKPERLTME KGDSVFSPDD RIGQLTMRNL DITDTREKLF GYAKTGLLSS SAASGVPQVE NLENKGQ
Source	Yeast
Target Names	argG
Protein Names	Recommended name: Argininosuccinate synthase EC= 6.3.4.5 Alternative name(s): Citrulline--aspartate ligase
Expression Region	1-447
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.