



Recombinant Methylococcus capsulatus

Argininosuccinate synthase (argG)

Product Code	CSB-EP733730MFM-B
Abbreviation	argG
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.	Q609X7
Product Type	Recombinant Protein
Immunogen Species	Methylococcus capsulatus (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MSSSNVKKVA LAYSGGLDTS VILKWLQETY GCEVVTFTAD LGQGEEVEPA RAKAQAMGVK EIYIDDLREE FSRDFVFPMF RANAIYEGEY LLGTSIARPL IAKRLIEIAN ETGADAIHAG ATGKGNDQVR FELGAYALRP DIRVIAPWRE WELTSRETL AYAESRGIPI EMKRGKTSKY SMDANLLHIS YEGGILEDPW AEPEETMWRW SVSPENAPDR PTYVELTYEH GDIVAIDGER MTAAAVLARL NQLGGANGIG RLDIVENRYV GMKSRGCYET PGGTIMLKAH RAIESITLDR EVAHLKDELM PRYASLIYNG YWWSPERRML QQMIDASQAT VNGVVRVKLY KGNVSVVGRK SESNSLFDMN IATFEDDRGA YDQKDAEGFI KLNALRLRIA GRKGASFA
Source	E.coli
Target Names	argG
Protein Names	Recommended name: Argininosuccinate synthase EC= 6.3.4.5 Alternative name(s): Citrulline--aspartate ligase
Expression Region	1-408
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.