



Recombinant Escherichia coli Chorismate synthase (aroC)

Product Code	CSB-YP318192ENV
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P12008
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	AGNTIGQLF RVTTFGESHG LALGCIVDGV PPGIPLTEAD LQHDLDRRRP GTSRYTTQRR EPDQVKILSG VFEGVTTGTS IGLLIENTDQ RSQDYSIAKD VFRPGHADYT YEQKYGLRDY RGGGRSSARE TAMRVAAGAI AKKYLAEKFG IEIRGCLTQM GDIPLDIKW SQVEQNPFPC PDPDKIDALD ELMRALKKEG DSIGAKVTVV ASGVPAGLGE PVFDRLDADI AHALMSINAV KGVEIGDGF VVALRGSQNR DEITKDGFS NHAGGILGGI SSGQQIAHM ALKPTSSITV PGRTINRFGE EVEMITKGRH DPCVGIRAVP IAEAMLAIVL MDHLLRQRAQ NADVKTDIR W
Source	Yeast
Target Names	aroC
Protein Names	Recommended name: Chorismate synthase EC= 4.2.3.5 Alternative name(s): 5-enolpyruvylshikimate-3-phosphate phospholyase
Expression Region	2-361
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 of Mature 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.