



Recombinant Chorismate synthase (aroC)

Product Code	CSB-YP731360YAH
Abbreviation	aroC
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.	Q668V5
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	MAGNSIGQFF RVTTFGESHG IALGCIIDGV PPGIPITEAD IQLDLDRRRP GTSRYTTQRR ELDQVRILSG VFEGVTTGTS IGLMIENDQ RSQDYSAIKD VFRPGHADYT YEQKYGVVDY RGGGRSSARE TAMRVAAGAI AKKYLAQKFG VQVRGYLAQM GDVSCDLLDW DLVEQNPFFC PDASKLEPLD ALMRELKAG DSIGAKITVV AENVPVGLGE PVFDRLDADL AHALMSINAV KGVEIGDGFA VVTKRGSER DEITPQGFQS NHAGGILGGI SSGQPVAHI ALKPTSSIMV PGQTINRQGE AVEIVTRGRH DPCV GIRAVP IAEAMMAIVL MDHLLRQRAQ CGDVASDVPR 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	1-361
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 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.