



Recombinant Chorismate synthase (aroC)

Product Code	CSB-YP730333SMZ
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.	Q5XCT6
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MRYLTAGESH GLSLTAIEG IPAGLTLHPA DIDHELQRRQ GGYGRGARMS IETDRVQISS GVRHGKTTGA PITLTVINKD HQKWLDMVAV GDIEETLKLK RRVKHPRPGH ADLVGGIKYH FNDLRDALER SSARETTMRV AVGAVAKRIL AELGIDMLHH ILIFGGITIT IPSKLSFREL QERALHSELS IVNPKQEEEI KTYIDKIKKE GDTIGGIIET IVQGVPAVLG SYVQWDKKLD AKLAQAVLSI NAFKGVEFGV GFDMGFQKGS QVMDEITWTP TQGYGRQTNH LGGFEGGMITT GQPLVVKGVM KPIPTLYKPL MSVDIDSHEP YKATVERSDP TALPAAGVIM ENNVATVLAK EILETFSSTT MSELQKAFSD YRAYVKQF
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	1-388
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.