



Recombinant Bacillus cereus Chorismate synthase 2 (aroC2)

Product Code	CSB-MP733981BAAD
Abbreviation	aroC2
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.	Q63A04
Product Type	Recombinant Protein
Immunogen Species	Bacillus cereus (strain ZK / E33L)
Purity	≥85% (SDS-PAGE)
Sequence	MRYITAGESH GPQLTVILEG VPAGLTLTAE HINKELLRRQ KGHGRGRRMQ IETDTVEIVS GVRHGMTLGS PITLIVKNDD FKHWTKVMGA EPISEKESKE MKRTITKPRP GHADLNGAIK YGHRDIRNVL ERSSARETTV RVAAGAVAKQ ILKELGVEIA GHVLEIGGVE AKHISNLSIE EIQTITENSP VRCLDKTVEQ EMMDAIDNAK SSGDSIGGIV EVIAEGMPIG VGSYVHYDRK LDAKLAGAIM SINAFKGAEI GVGFEARQP GSKVHDEILW DEEQGYTRKT NNAGGLEGGM TTGMPIVVRG VMKPIPTLYK PLASVDIDTK EAFQASIRS DSCAVPAAGV VAESVVAWEL AHALVEQFGK DRMELIQQNI TQHINKYAKEF
Source	Mammalian cell
Target Names	aroC2
Protein Names	Recommended name: Chorismate synthase 2 EC= 4.2.3.5 Alternative name(s): 5-enolpyruvylshikimate-3-phosphate phospholyase 2
Expression Region	1-390
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.