



# Recombinant *Chromobacterium violaceum* Chorismate synthase (aroC)

<b>Product Code</b>	CSB-EP762962CKA
<b>Abbreviation</b>	aroC
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7NYT5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Chromobacterium violaceum</i> (strain ATCC 12472 / DSM 30191 / JCM 1249 / NBRC 12614 / NCIMB 9131 / NCTC 9757)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSGSSMGRLF TVTSFGESHG PGIGCVVDGC PPGLALSEAD IQLELDRRKP GTSRHVTQRR EPDVEILSG VYEGKTTGTP IALLIRNTDQ RSKDYGNIA TFRPGHADYC YWHKYGTRDP RGGGRSSARE TAVRVAAGAI AKKWLNEKYG IVIRGHMTQI GEVAIPFKSW EHVGGNPFFS ADPDIVPRLE EYMDSIRKSL DSIGARLRV ADNVPVGWGE PVFDRDLADI AYAMMSINAV KGVEIGAGFG CVTQKGSEHG DELTPRGFAS NHAGGVLLGGI STGQQIDVSI AIKPTSSIAQ PRRSINKQGE AVTMETHGRH DPCV GIRATP IAEAMLALVL IDHALRHRAQ CGDVRVETPR IAGHIG
<b>Source</b>	E.coli
<b>Target Names</b>	aroC
<b>Protein Names</b>	Recommended name: Chorismate synthase EC= 4.2.3.5 Alternative name(s): 5-enolpyruvylshikimate-3-phosphate phospholyase
<b>Expression Region</b>	1-366
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.