



Recombinant Escherichia coli Isocitrate dehydrogenase kinase/phosphatase (aceK)

Product Code	CSB-MP539351ENP
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.	B1IUN6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks)
Purity	≥85% (SDS-PAGE)
Sequence	MPRGLELLIA QTILQGFDAQ YGRFLEVTSQ AQRFEQADW HAVQQAMKNR IHLYDHHVGL VVEQLRCITN GQSTDA AFL RVKEHYTRLL PDYPRFEIAE SFFNSVYCRL FDHRS LTPER LFIFSSQPER RFRTIPRPLA KDFHPDHGWE SLLMRVISDL PLRLRWQNK S RDIHYIRHL TETLGT DNLA ESHLQVANEL FYRNKAAWL V GKLITSSGTL PFL LPIHQTD DGELFIDTCL TTTAEASIVF GFARSYFMVY APLPAALVEW LREILPGKTT AELYMAIGCQ KHAKTESYRE YL VYLQGCNE QFIEAPGIRG MVMLVFTLPG FDRVFKVIKD KFAPQKEMSA AHVRACYQLV KEHDRVGRMA DTQEFENFVL EKRHISPALM ELLLQEA AEK ITDLGEQIVI RHLYIERRMV PLNIWLEQVE GQQLRDAIEE YGN AIRQLAA ANIFPGDMLF KNFGVTRHGR VVFYDYDEIC YMTEVNFRDI PPPRYPEDEL ASEPWYSVSP GDVFPEEFRH WLCADPRIGP LFEEMHADLF RADYWRALQN RIREGHVEDV YAYRRRQRFS VRYGEMLF
Source	Mammalian cell
Target Names	aceK
Protein Names	Recommended name: Isocitrate dehydrogenase kinase/phosphatase Short name= IDH kinase/phosphatase Short name= IDHK/P EC= 2.7.11.5 EC= 3.1.3.-
Expression Region	1-578
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.



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