



# Recombinant Escherichia coli O45:K1 N-succinylglutamate 5-semialdehyde dehydrogenase (astD)

<b>Product Code</b>	CSB-MP484355EOK
<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>	B7MAV7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O45:K1 (strain S88 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTLWINGDWV TGQGALRVKR NPVSGEVLWQ GNDADAAQVG QACRAARA AF PRWARLSFGD RQVRVERFAG LLESNKAELT AIIARETGKP RWEAATEVTA MINKIAISIK AYHVRTGEQR SEMPDGAASL RHRPHGV LAV FGPYNFPGHL PNGHVPALL AGNTIIFKPS ELTPWSGDAV MRLWQQAGLP PGVLNLVQGG RETGQALSAL EDLDG LLFTG SANTGYQLHR QLSGQPEKIL ALEMGGNNPL IIDEVADIDA AVHLTIQSAF VTAGQRCTCA RRLFLKSGTQ GDAFLARLVA VSQRLTPGTW DDEPQPFIGG LISEQAAQVQ VTAWQELEAM GGRTLLAPRL LQAGTSL LTP GIEMTGVTG LPDEEVFGPL LRVWRYDNFD EAIRMANNTR FGLSCGLVSP EREKFDQLLL EARAGIVNWN KPLTGAASTA PFGGIGASGN HRPSAWYAAD YCAWPMASLE SDSLTLPATL NPGLDFSDEV VR
<b>Source</b>	Mammalian cell
<b>Target Names</b>	astD
<b>Protein Names</b>	Recommended name: N-succinylglutamate 5-semialdehyde dehydrogenase EC= 1.2.1.71 Alternative name(s): Succinylglutamic semialdehyde dehydrogenase Short name= SGSD
<b>Expression Region</b>	1-492
<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.



## Shelf Life

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