



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

<b>Product Code</b>	CSB-BP512273ENU
<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>	C4ZZA2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / MC4100 / BW2952)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTLWINGDWI TGQGASRVKR NPVSGEVLWQ GNDADAAQVE QACRAARAAF PRWARLSFAE RHAVVERFAA LLESNKAELT AIIARETGKP RWEAATEVTA MINKIAISIK AYHVRTGEQR SEMPDGAASL RHRPHGVLAV FGPYNFPGHL PNGHIVPALL AGNTIIFKPS ELTPWSGEAV MRLWQQAGLP PGVLNLVQGG RETGQALSAL EDLDGLLFTG SANTGYQLHR QLSGQPEKIL ALEMGGNNPL IIDEVADIDA AVHLTIQSAF VTAGQRCTCA RRLLLKSGAQ GDAFLARLVA VSQRLTPGNW DDEPQPFIGG LISEQAAQVQV VTAWQQLEAM GGRPLLAPRL LQAGTSLTTP GIEMTG VAG VPDEEVFGPL LRVWRYDTFD EAIMANNTR FGLSCGLVSP EREKFDQLLL EARAGIVNWN KPLTGAASTA PFGGIGASGN HRPSAWYAAD YCAWPMASLE SDSLTLPATL NPGLDFSDEV VR
<b>Source</b>	Baculovirus
<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.
<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.



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