



Recombinant N-succinylglutamate 5-semialdehyde dehydrogenase (astD)

Product Code	CSB-BP745210EOD
Abbreviation	astD
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.	Q7ADE6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MTLWINGDWI TGQGASRVKR NPVSGEVLWQ GNDADAAQVG QACRAARAAF PRWARLSFAE RQAVVERFAG LLERNKGELT AIIARETGKP RWEAATELTA MINKIAISIK AYHVRTGEQR SEMPDGAASL RHRPHGVLA FGPYNFPGHL PNGHIVPALL AGNTIIFKPS ELTPWSGEAV MRLWQQAGLP PGVLNLVQGG CETGQALSAL EDLDGLLFTG SANTGYQLHR QLSGQPEKIL ALEMGGNNPL IIDEVADIDA AVHLTIQSAF VTAGQRCTCA RRVLLKSGAQ GDAFLARLVA VSQRLTPGNW DDEPQPFIGG LISEQAAQVQV FTAWQQLEAM GGRTLLAPRL LQAGTSLTTP GIEMTGvag VPDEEVFGPL LRVWRYDSFE EAIRMANNTR FGLSCGLVSP EREKFDQLLL EARAGIVNWN KPLTGAASTA PFGGIGASGN HRPSAWYAAD YCAWPMASLE SDSLTLPATL NPGLDFSDEV VR
Source	Baculovirus
Target Names	astD
Protein Names	Recommended name: N-succinylglutamate 5-semialdehyde dehydrogenase EC= 1.2.1.71 Alternative name(s): Succinylglutamic semialdehyde dehydrogenase Short name= SGSD
Expression Region	1-492
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.