



Recombinant Escherichia coli O7:K1 N-succinylglutamate 5-semialdehyde dehydrogenase (astD)

Product Code	CSB-YP487247EON
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.	B7NT31
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MTLWINGDWV TGQGALRVKR NPVSGEVLWQ GNDADAAQVG QACRAARAFA PRWARLSFGD RQVRVERFAG LLESNKAELT AIIARETGKP RWEAATEVTA MINKIAISIK AYHVRTGEQR SEMPDGAASL RHRPHGVLAV FGPYNFPGHL PNGHIVPALL AGNTIIFKPS ELTPWSGEAV MRLWQQAGLP PGVLNLVQGG RETGQALSAL EDLDGLLFTG SANTGYQLHR QLSGQPEKIL ALEMGGNNPL IIDEAADIDA AVHLTIQSAF VTAGQRCTCA RRLLLKSGAQ GDAFLARLVA VSQRLTPGRW DDEPQPFIGG LISEQAAQVQV VTAWQQLETM GGRTLLAPRL LQAGTSLTTP GIEMTGVTG VPDEEVFGPL LRVWRYDNFD EARMANNTR FGLSCGLVSP EREKFDQLLL EARAGIVNWN KPLTGAASTA PFGGIGASGN HRPSGWYAAD YCAWPMASLE SDSLTLPATL NPGLDFSDEV VR
Source	Yeast
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

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