



Recombinant Burkholderia mallei N-succinylglutamate 5-semialdehyde dehydrogenase (astD)

Product Code	CSB-YP730863BNS
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.	Q62LN5
Product Type	Recombinant Protein
Immunogen Species	Burkholderia mallei (strain ATCC 23344)
Purity	≥85% (SDS-PAGE)
Sequence	MTSELFIDGAW RDGAGPVFAS RNPGTGEPVW EGAGASADDV ERAVASARRA FAAWSALDLD ARCAIVKRFA ALLVERKEAL ATMIGRETGK PLWEARTEVA SMAAKVDVSI AAYHERTGER RSPTADGVAV LRHRPHGVVA VFGPYNFPGH LPNGHIVPAL IAGNTVVFKP SELAPGVARA TVEIWRDAGL PAGVLNLVQG EKDTGVALAN HRQIDGLFFT GSSDTGTLLH RQFGGRPEIV LALEMGGNNP LVVADVEDID AAVHHAIQSA FLSAGQRCTC ARRILVPRGA FGDRFLERFA DVASRITADV YDADPQPFGM AVISARAASR LVAAQAKLLE LGAAPIIEMR QRDPALGFVN ASILDVTPVR ELPDEEHFGP LAQIVRYTDL DDAIARANDT AFGLSAGLLA DDET VWNTFR RTIRAGIVNW NRPTNGASSA APFGGAGRSG NHRPSAYYAA DYCAYPMASV ESAQLQMPAN LSPGLHF
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	1-487
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.