



Recombinant *Alcaligenes xylosoxydans* *xylosoxydans* D-aminoacylase (dan)

Product Code	CSB-EP302606AGR-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P72349
Product Type	Recombinant Protein
Immunogen Species	<i>Alcaligenes xylosoxydans xylosoxydans</i> (<i>Achromobacter xylosoxidans</i>)
Purity	>85% (SDS-PAGE)
Sequence	SQSDSQPFD LLLAGGTLID GSNTPGRRAD LGVRGDRIAA IGDLSDAAAH TRVDVSGLVV APGFIDSHTH DDNYLLRRRD MTPKISQGVT TVVTGNCGIS LAPLAHANPP APLDLLDEGG SYRFERFADY LDALRATPAA VNAACMVGHS TLRAAVMPDL QRAATDEEIA AMRDLAEEAM ASGAIGISTG AFYPPAARAT TEEIEVCRP LSAHGGIYAT HMRDEGEHIV AALEETFRIG RELDVPVVIS HHKVMGQPNF GRSRETLPLI EAAMARQDVS LDAYPYVAGS TMLKQDRVLL AGRTIITWCK PFPELSGRDL DEVAAERGKS KYDVVPELQP AGAIYFMMDE PDVQRILAFG PTMIGSDGLP HDERPHRLW GTFPRVLGHY ARDLGLFPLE TAVWKMTGLT AARFGLAGRG QLQAGYFADL VVFDPATVAD TATFEHPTER AAGIHSVYVN GAPVWQEQAF TGQHAGRVLA RTAA
Source	E.coli
Target Names	dan
Protein Names	Recommended name: D-aminoacylase EC= 3.5.1.81 Alternative name(s): N-acyl-D-amino-acid deacylase
Expression Region	2-484
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 of Mature 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.