



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

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