



Recombinant Alanine racemase, catabolic (dadX)

Product Code	CSB-EP349382EGX-B
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.	P59237
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTRPIQASLD LQALKQNLSI VRQAAPYARV WSVVKANAYG HGIERIWSAL GATDGFALLN LEEAITLRER GWKGPILMLE GFFHAQDLEI YDQHRLTTCV HSNWQLKALQ NARLKAPLDI YLKVNSGMNR LGFQPDRVLT VWQQLRAMAN VGEMTLMSHF AEAHPDGIS SAMARIEQAA EGLECRRSLA NSAATLWHQE AHFDWVRPGI ILYGASPSGQ WRDIANTGLR PVMTLSSEII GVQTLKAGER VGYGGRYTAR DEQRIGIVAA GYADGYPRHA PTGTPVLVDG VLTMTVGTVS MDMLAVDLTP CPQAGIGTPV ELWGKEIKID DVAAAAGTVG YELMCALALR VPVTV
Source	E.coli
Target Names	dadX
Protein Names	Recommended name: Alanine racemase, catabolic EC= 5.1.1.1
Expression Region	1-356
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.