



Recombinant Idiomarina loihiensis 2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase (dapD)

Product Code	CSB-EP728843IAAA
Abbreviation	dapD
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.	Q5QXS9
Product Type	Recombinant Protein
Immunogen Species	Idiomarina loihiensis (strain ATCC BAA-735 / DSM 15497 / L2-TR)
Purity	≥85% (SDS-PAGE)
Sequence	MENIKQRIID AFEQRDQINA RTENDDLREA VRYVIDEIDR GELRVAEKVS GEWVHQLWK KAVLLSFRLN DNDLIEGGET RFDKVPKAF ADYDSARFRA EGMRVPPAM VRKGAFIGN VVMPSTYVNI GAHVGEETMV DTWATVGSCA QIGKNVHLSG GVGIGGVLEP LQANPTIIE NCFIGARSEI VEGVVEEGA VISMGVYIGQ STRIYDREND RILYGRVPSG SVVPGSLPS ANGTHSLYAA IIVKRVDKT RAKVGINALL RSE
Source	E.coli
Target Names	dapD
Protein Names	Recommended name: 2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase EC= 2.3.1.117 Alternative name(s): Tetrahydrodipicolinate N-succinyltransferase Short name= THDP succinyltransferase Short name= THP succinyl
Expression Region	1-274
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.



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