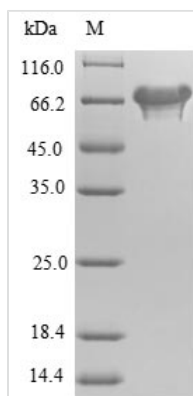




Recombinant Escherichia coli L-aspartate oxidase (nadB)

Product Code	CSB-EP319943ENVb1
Relevance	Catalyzes the oxidation of L-aspartate to iminoaspartate.
Abbreviation	Recombinant E.coli nadB protein
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.	P10902
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MNTLPEHSCDVLIIGSGAAGLSLALRLADQHQVIVLSKGPVTEGSTFYAQGGIA AVFDETDSDSHVEDTLIAGAGICDRHAVEFVASNARSCVQWLIDQGVLFDTHI QPNGEESYHLTREGGHSRRILHAADATGREVETTLVSKALNHPNIRVLERSN AVDLIVSDKIGLPGTRRVVGAWVWNRNKETVETCHAKAVVLATGGASKVYQY TTNPDISSGDGIAMAWRAGCRVANLEFNQFHPTALYHPQARNFLLTEALRGEG AYLKRPDGTFRMPDFDERGELAPRDIRAIDHEMKRLGADCMFLDISHKPAD FIRQHFPMIYEKLLGLGIDLTQEPVPIVPAAHYTCGGVMVDDHGRTDVEGLYAI GEVSYTGLHGANRMASNSLLECLVYGWSAAEDITRMPYAHDISTLPPWDES RVENPDERVVIQHNWHELRLFMWDYVGIVRTTKRLERALRRITMLQQEIDEYY AHFRVSNLLELRNLVQVAELIVRCAMMRKESRGLHFTLDYPELLTHSGPSILS PGNHYINR
Research Area	others
Source	E.coli
Target Names	nadB
Protein Names	Quinolinate synthase B nicB
Expression Region	1-540aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	67.3 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.