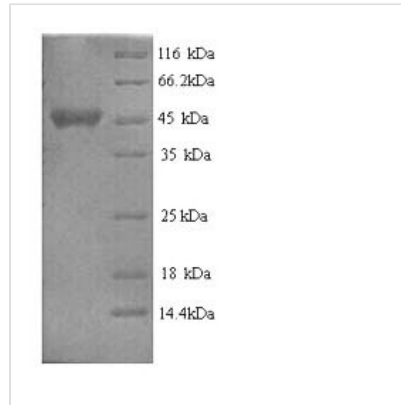




Recombinant Escherichia coli NAD (P) transhydrogenase subunit alpha (tsr), partial

Product Code	CSB-YP362012ENV
Relevance	The transhydrogenation between NADH and NADP is coupled to respiration and ATP hydrolysis and functions as a proton pump across the mbrane.
Abbreviation	Recombinant E.coli pntA protein, partial
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.	P07001
Alias	Nicotinamide nucleotide transhydrogenase subunit alpha Pyridine nucleotide transhydrogenase subunit alpha
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MRIGIPRERLTNETRVAATPKTVEQLLKLGFVAVESGAGQLASFDDKAFVQA GAEIVEGNSVWQSEIILKVNAPLDDEIALLNPGTTLVSFIWPAQNPQLMQKLAER NVTVMAMDSVPRISRAQSLDALSSMANIAGYRAIVEAAHEFGRFFTGQITAAGK VPPAKVMVIGAGVAGLAAIGAANSLGAIVRAFDTRPEVKEQVQSMGAEFLELD FKEEAGSGDGYAKVMSDAFIKAEMELFAAQAKEVDIIVTTALIPGKPAPKLITRE MVDSMKAGSVIVDLAAQNGGNCEYTPGEIFTTENGVKVIGYTDLPGRLLPTQS SQLYGTNLVNLKLLCKEKDGNITVDFDDVVIRGVTVIRAGEITWPAPPIQVSAQ PQAAQKAAPEVKTEEKCTCSPWR
Research Area	Others
Source	Yeast
Target Names	pntA
Protein Names	Recommended name: NAD(P) transhydrogenase subunit alpha EC= 1.6.1.2 Alternative name(s): Nicotinamide nucleotide transhydrogenase subunit alpha Pyridine nucleotide transhydrogenase subunit alpha
Expression Region	1-401aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	44.8kDa
Protein Length	Cytoplasmic Domain
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.