



Recombinant Rhodococcus erythropolis Nitrile hydratase subunit alpha (nthA)

Product Code	CSB-EP320227RLJ
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.	P13448
Product Type	Recombinant Protein
Immunogen Species	Rhodococcus erythropolis (Arthrobacter picolinophilus)
Purity	≥85% (SDS-PAGE)
Sequence	SVTIDHTE NAAPAQAPVS DRAWALFRAL DGKGLVPDGY VEGWKKTFEE DFSPRRGAEL VARAWTDPEF RQLLLTDGTA AVAQYGYLGP QGEYIVAVED TPTLKNVIVC SLCSCCTAWPI LGLPPTWYKS FEYRARVVRE PRKVLSEMGT EIASDIEIRV YDTTAETRYM VLPQRPAGTE GWSQEQLQEI VTKDCLIGVA IPQVPTV
Source	E.coli
Target Names	nthA
Protein Names	Recommended name: Nitrile hydratase subunit alpha Short name= NHase Short name= Nitrilase EC= 4.2.1.84
Expression Region	2-207
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 of Mature 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.