



Recombinant Rhodococcus erythropolis Nitrile hydratase subunit beta (nthB)

Product Code	CSB-EP319549RLJ
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.	P13449
Product Type	Recombinant Protein
Immunogen Species	Rhodococcus erythropolis (Arthrobacter picolinophilus)
Purity	>85% (SDS-PAGE)
Sequence	MDGVHDLAGV QGFGKVPHTV NADIGPTFHA EWEHLPYSLM FAGVAELGAF SVDEVRYVVE RMEPRHYMMT PYYERYVIGV ATLMVEKGIL TQDELESLAG GPFPLSRPSE SEGRPAPVET TTFEVGQRVR VRDEYVPGHI RMPAYCRGRV GTISHRTTEK WFPDAIGHG RNDAGEEPTY HVKFAAEELF GSDTDGGSVV VDLFEGYLEP AA
Source	E.coli
Target Names	nthB
Protein Names	Recommended name: Nitrile hydratase subunit beta Short name= NHase Short name= Nitrilase EC= 4.2.1.84
Expression Region	1-212
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.