



Recombinant Low-molecular weight cobalt-containing nitrile hydratase subunit alpha

Product Code	CSB-EP328897RDH-B
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.	P29378
Product Type	Recombinant Protein
Immunogen Species	Rhodococcus rhodochrous
Purity	≥85% (SDS-PAGE)
Sequence	TAHNPVQGT LPRSNEEIAA RVKAMEAILV DKGLISTDAI DHMSSVYENE VGPQLGAKIV ARAWVDPEFK QRLLTDATSA CREMGVGGMQ GEEMVLENT GTVHNMVVCT LCSCYPWPVL GLPPNWKYYP AYRARAVRDP RGVLAIEFGYT PDPDVEIRIW DSSAELRYWV LPQRPAGTEN FTTEEQLADLV TRDSLIGVSV PTTPSKA
Source	E.coli
Protein Names	Recommended name: Low-molecular weight cobalt-containing nitrile hydratase subunit alpha Short name= L-NHase Short name= L-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.