

nitA Protein, Rhodococcus rhodochrous

Cat. No.: HY-P702183
Synonyms: Aliphatic nitrilase
Species: Others
Source: E. coli
Accession: Q02068 (M1-K369)
Gene ID: /
Molecular Weight:

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol .
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	nitA protein demonstrates its enzymatic activity on aliphatic nitriles, specifically targeting substrates like acrylonitrile, crotonitrile, and glutaronitrile.
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Caution: Product has not been fully validated for medical applications. For research use only.

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