

Active Recombinant *Aspergillus niger* Nitrilase

Cat. No. NIT-01A Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant <i>Aspergillus niger</i> Nitrilase was purified from <i>E. coli</i> .
Species	<i>Aspergillus niger</i>
Source	<i>E. coli</i>
Description	Nitrilase enzymes (nitrilases) catalyse the hydrolysis of nitrile compounds to the corresponding carboxylic acid and ammonia, and have a wide range of industrial and biotechnological applications, including the synthesis of industrially important carboxylic acids and bioremediation of cyanide and toxic nitriles.
Form	Light yellow lyophilized powder
Bio-activity	Specific Activity: 48 U/mg Protein Activity: 15 U/mg solid
Purity	≥ 95% by SDS-PAGE
Stability	At least 2 years
Storage	Store it at -20 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS based buffer

GENE INFORMATION

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Official Symbol	Nitrilase
Synonyms	Nitrilase enzymes; nitrilases; Nitrilase