

Human NMNAT1 protein, His tag (active)

Cat. No. GTX65673-pro

Applications Functional Assay

Species Human

Package

10 µg

Applications

Application Note

Well suited for the synthesis of NAD due to high specific activity and high substrate selectivity compared to human NMNAT3 protein. Note: When loss of activity is observed add 10mM DTT to the working buffer and incubate for at least 15 min before the assay. Biological activity is ≥ 5 U/mg protein. One unit is defined as the amount of enzyme that synthesizes 1µmol of NAD⁺ per min.

Properties

Form Liquid

Buffer 50mM Sodium Phosphate, 300mM NaCl, 10% Glycerol, 2mM DTT

Preservative No preservatives

Storage Store as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

Concentration 1 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence N-terminal His-Tag; a.a.1-279

Expression System E. coli

Purity $\geq 95\%$ by SDS-PAGE.

Conjugation Unconjugated

Note For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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