

Human NMNAT1 protein, His tag (active)

Cat. No. GTX67099-pro

Applications Functional Assay**Species** Human**Package**

20 µg

Applications

Application Note

Specific activity is > 7000 pmol/min/µg, and was obtained by measuring the beta-NAD from nicotinamide mononucleotide and ATP per minute at pH 8.0 at 37°C.

Properties

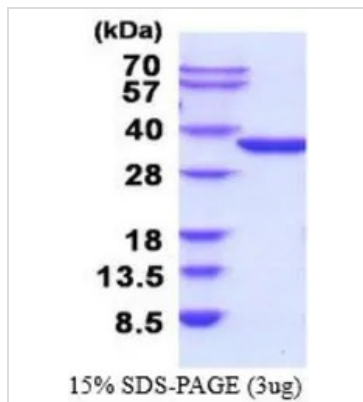
Form Liquid**Buffer** 20mM Tris-HCl, 100mM NaCl, 20% Glycerol, 1mM DTT, 1mM EDTA**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

N-terminal His-Tag; Length: 315 a.a. Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMENS
EKTEVLLAC GSFNPITNMH LRLFELAKDY MNGTGRTYV KGIISPVGDA YKKKGLIPAY HRVIMAEAT KNSKWVEVD
WESLQKEWKE TLKVLRRHQE KLEASDCDHQ QNSPTLERPG RKRKWTETQD SSQKKSLEPK TKAVPKVKLL CGADLLESFA
VPNLWKSEDI TQIVANYGLI CVTRAGNDAQ KFIYESDVLW KHRSNHVVN EWIANDISST KIRRALRRGQ SIRYLVDPDLV
QEYIEKHNLY SSESEDRNAG VILAPLQRNT AEAK

Expression System E. coli**Purity** > 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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DATA IMAGES



GTX67099-pro Image

3 μ g of GTX67099-pro Human NMNAT1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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