

Human Guanine deaminase protein (active)

Cat. No. GTX67042-pro

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

5 µg

Applications

Application Note

Specific activity is > 2000 pmol/min/µg, and is defined as the amount of enzyme that convert guanine to xanthine per minute at pH 8.0 at 37°C.

Properties

Form Liquid**Buffer** PBS, 10% Glycerol, 1mM DTT**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**

Full length protein, Length: 454 a.a. Sequence: MCAAQMPPLA HIFRGTFVHS TWTCPEVLR DHLLGVSDSG KIVFLEEASQ QEKLAKIEWCF KPCEIRELSH HEFFMPGLVD THIHASQYSF AGSSIDLPLL EWLTKYTFPA EHRFQNIQFA EEVYTRVRR TLKNGTTTAC YFATIHTDSS LLLADITDKF GQRAFGVKVC MDLNDTFPEY KETTEESIKE TERFVSEMLQ KNYSRVKPIV TPRFSLCSE TLMGELGNIA KTRDLHIQSH ISENREVEA VKNLYPSYKN YTSVYDKNL LTNKTVMAGH CYLSAEELNV FHERGASIAH CPNSNLSLSS GFLNVLEVLK HEVKIGLGTD VAGGYSYML DAIRRAVMVS NILLINKVNE KSLTLKEVFR LATLGGSQAL GLDGEIGNFE VGKEFDAILI NPKASDSPID LFYGDFFGDI SEAVIQKFLY LGDDRNIEEV YVGGKQWPF SSSV

Expression System E. coli**Purity** > 90% 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

GTX67042-pro Image

3 μ g of GTX67042-pro Human Guanine deaminase protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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