

Mouse Guanine deaminase protein, His tag (active)

Cat. No. GTX67044-pro

Applications Functional Assay**Species** Mouse**Package**

5 µg

Applications

Application Note

Specific activity is > 4000 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

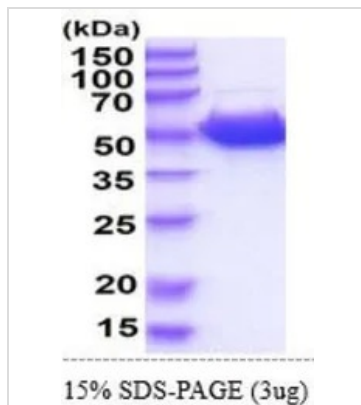
Form Liquid**Buffer** 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, 1mM DTT**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

Full length protein, N-terminal His-Tag; Length: 477 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MGSMCAARTP PLALVFRGTF VHSTWTC PME VLRDHLGVS DSGKIVFLEE SSQKEKLAK WCFKPCEIRE LSHHEFFMPG LVDTHIHAPQ YAFAGSNVDL PLEWLNKYT FPTEQRFRST DVAEEVYTRV VRRTLKNGTT TACYFGTIHT DSSLILAEIT DKFGQRAFGV KVCMDLNDTV PEYKETTES VKETERFVSE MLQKNYPRVK PIVTPRFTLS CTETLMSELG NIAKTHDLYI QSHISENREE IEAVKSLYPS YKNYTDVYDK NNLLTNKTVM AHGCVLSEEE LNI FSERGAS IAHC PNSNLS LSSGLLNVL VLKHKVKIGL GTDVAGGYSY SMLDAIRRAV MVS NVLLINK VNEKNLTKE VFRLATLGGS QALGLDSEIG NFEVGKEFDA LLINPRASDS PIDLFYGDV GDISEAVIQK FLYLGDDRNI EEVYVGKQV VPFSSSV

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



GTX67044-pro Image

3 μ g of GTX67044-pro Mouse Guanine deaminase protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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