

Human Guanine deaminase protein, His tag (active)

Cat. No. GTX67043-pro**Applications** Functional Assay**Species** Human**Package**

20 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

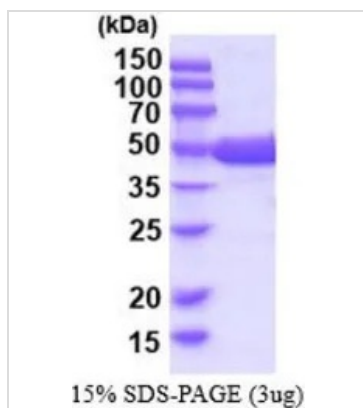
Form Liquid**Buffer** 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, 1mM DTT**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 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 MGSMCAAQMP
PLAHIFRGTF VHSTWTC PME VLRDHLGVS DSGKIVFLEE ASQKEKLAK WCFKPCEIRE LSHHEFFMPG LVDTHIHASQ
YSFAGSSIDL PLLEWLTKYT FPAEHRFQNI DFAEEVYTRV VRRTLKNGTT TACYFATIHT DSSLLADIT DKFGQRAFGV KVCMDLNDTF
PEYKETTES IKETERFVSE MLQKNYSRVK PIVTPRFSLS CSETLMGELG NIAKTRDLHI QSHISENRDE VEAVKNLYPS YKNYTSVYDK
NNLLTNKTVM AHGCYLSAEE LNVFHERGAS IAHCPNSNLS LSSGFLNVLE VLKHEVKIGL GTDVAGGYSY SMLDAIRRAV
MVSNILLINK VNEKSLTLKE VFRLATLGGS QALGLDGEIG NFEVGKEFDA ILINPKASDS PIDLFYGDFF GDISEAVIQK FLYLGDDRNI
EEVYVGKQV VPFSSSV

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



GTX67043-pro Image

3 μ g of GTX67043-pro Human Guanine deaminase protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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