

Bioactive

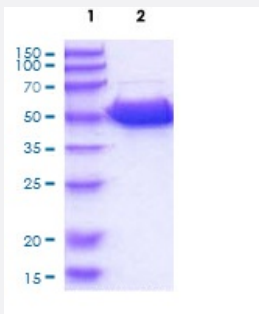
Full-Length

Gda (Mouse) Recombinant Protein

Catalog # P8027

Size 20 ug

Applications



Specification

Product Description

Mouse Gda (Q9R111, 1 a.a. - 454 a.a.) full length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

MCAARTPPLALVFRGTFVHSTWTCPMEVLRDHLGVS DSGKMFLEESSQQEKLAKIEWCFKPC
EIRELSHHEFFMPGLVDTHIHAPQYAFAGSNVDLP LLEWLNKYTFPTEQRF RSTDVAEEVYTRVVR
RTLKNGTTTACYFGTIHTDSSLILAEITDKFGQRA FVGKVCMDLNDTVPEYKETTESVKETERFVS
EMLQKNYPRVKPIVTPRFTL SCTLMSSELGNI AKTHDLYIQSHISENREEIEAVKSLYPSYKNYTDVY
DKNNLLTNKTVMAHG CYLSEELNIFSERGASIAH CPNSNLSLSSGLLNVLKHKVKIGLGT DV
AGGYSYSMLDAIRRA VMVSNVLLINKVNEKNL TLKEVFRLATL GGSQALGLDSEIGNFEVGKEFDA
LLINPRASDSPIDLFY GDFVGDISEAVIQKFLY LGDDRNIIEVYVGKQVVPFSSSV

Host

Escherichia coli

Theoretical MW (kDa)

53.4

Form

Liquid

Preparation Method

Escherichia coli expression system

Purity

> 95% by SDS-PAGE

Activity

Specific activity is > 4000 pmol/min/ug, and is defined as the amount of enzyme that convert guanine to xanthine per minute at pH 8.0 at 37°C.

Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In 20mM Tris-HCl pH 8.0 (10% glycerol, 0.15 M NaCl, 1 mM DTT)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Gda

Entrez GeneID	14544
Protein Accession#	Q9R111
Gene Name	Gda
Gene Alias	AU015411, AW047581
Gene Description	guanine deaminase
Gene Ontology	Hyperlink
Other Designations	-