

GDA Human

Description: GDA Human Recombinant produced in E. coli is a single polypeptide chain containing 477 amino acids (1-454) and having a molecular mass of 53kDa. GDA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: ENPS-689

For research use only.

Synonyms: CYPIN, GUANASE, NEDASIN, Guanine aminase, Guanine aminohydrolase, GAH, p51-nedasin.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MGSMCAAQMP PLAHIFRGTF
VHSTWTC PME VLRDHL LGVS DSGKIV FLEE ASQKEKLAK E WCFKPCEIRE LSHHEFFMPG
LVDTHIHASQ YSFAGSSIDL PLEWLTKYT FPAEHRFQNI DFAEEVYTRV VRRTLKNGTT
TACYFATIHT DSSLLADIT DKFGQRA FVG KVCMDLNDTF PEYKETTEES IKETERFVSE
MLQKNYSRVK PI

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

The GDA solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

GDA is a member of the ATZ/TRZ family and is in charge for the hydrolytic deamination of guanine. GDA takes part in microtubule assembly. Multiple transcript variants encoding different isoforms have been found for GDA.

To place an order, please [Click HERE](#).