

RPPB1683

Product Information Protein Information

Product SKU:

RPPB1683

Accession:

Q9Y2T3

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

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

Formulation:

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

Purity:

Greater than 90.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMAAQMPLAHIFRGTFVHSTWTCPMEVLRDHLGVS DSGKIVFLEE
ASQKEKLAKWCFKPCEIRE LSHHEFFMPGLVDTHIHASQ YSFAGSSIDL PLEWLTKYT FPAEHRFQNI
DFAEEVYTRV VRRTLKNGTT TACYFATIHT DSSLLADIT DKFGQRAVFG KVCMDLNDTF PEYKETTEES
IKETERFVSE MLQKNYSRVK PIVTPRFSLCSETLMGELG NIAKTRDLHI QSHISENRDE VEAVKNLYPS
YKNYTSVYDK NNLLTNKTVMAHGCVLSAEE LNVFHERGAS IAHCPSNLS LSSGFLNVLE VLKHEVKIGL
GTDVAGGYSY SMLDAIRRAV MVSNILLINK VNEKSLTLKE VFRLATLGGQALGLDGEIG NFEVGKEFDA
ILINPKASDSDIDLFYGDFFGDISEAVIQKFLYLGDNRNI EEVYVGGKQVVPFSSSV.