

Product datasheet for **AR50746PU-S**

Guanine deaminase (1-454, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Guanine deaminase (1-454, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMCAAQMP PLAHIFRGTF VHSTWTC PME VLRDHLLGVS DSGKIVFLEE ASQQEKLAK E WCFKPCEIRE LSHHEFFMPG LVDTHIHASQ YSFAGSSIDL PLEWLTKYT FPAEHRFQNI DFAEEVYTRV VRRTLKNGTT TACYFATIHT DSSLLLADIT DKFGQRAFVG KVCMDLNDTF PEYKETTES IKETERFVSE MLQKNYSRVK PIVTPRFSL S CSETLMGELG NIAKTRDLHI QSHISENRDE VEA VKNLYPS YKNYTSVYDK NNLLTNKTV M AHGCYLSAEE LNVFHERGAS IAHC PNSNLS LSSGFLNVLE VLKHEVKIGL GTDVAGGYSY SMLDAIRRAV MVSNILLINK VNEKSLTLKE VFRLATLGGS QALGLDGEIG NFEVGKEFDA ILINPKASDS PIDLFYGDFF GDISEAVIQK FLYLGDDRNI EEVYVGGKQV VPFSSSV
Tag:	His-tag
Predicted MW:	53 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GDA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001229434
Locus ID:	9615



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UniProt ID: [Q9Y2T3](#)

Cytogenetics: 9q21.13

Synonyms: CYPIN; GAH; GUANASE; NEDASIN

Summary: This gene encodes an enzyme responsible for the hydrolytic deamination of guanine. Studies in rat ortholog suggest this gene plays a role in microtubule assembly. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

Protein Pathways: Metabolic pathways, Purine metabolism

Product images:

