

Product datasheet for PH308771

GDA (NM_004293) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GDA MS Standard C13 and N15-labeled recombinant protein (NP_004284)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208771
Predicted MW:	50.8 kDa
Protein Sequence:	>RC208771 representing NM_004293 Red=Cloning site Green=Tags(s)
	MCAAQMPPLAHIFRGTFFVHSTWTCPMEVLRDHLLGVSDSGKIVFLEEASQQEKLAKIEWCFKPEIRELSH HEFFMPGLVDTHIHASQYSFAGSSIDLPLEWLTKYTFPAEHRFQNIIDFAEEVYTRVVRRTLKNGTTTAC YFATIHTDSSLLADITDKFGQRAFVGKVCMDLNDTFPEYKETTEESIKETERFVSEMLQKNYSRVKPIV TPRFSLSCTELMGELGNIKTRDLHIQSHISENRDEVEAVKNLYPSYKNYTSVYDKNNLLTNKTVMAHG CYLSAEELNVFHERGASIAHCPNSNLSLSSGFLNVLEVLKHEVKIGLGTDVAGGYSYSMLDAIRRAVMVS NILLINKVNEKSLTLKEVFRLATLGGSQLGLDGEIGNFEVVGKEFDAILINPKASDSPIDLFGDFFGDI SEAVIQKFLYLGDNRNIEEVYVGGKQVVPFSSSV
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004284</u>
RefSeq Size:	5430
RefSeq ORF:	1362
Synonyms:	CYPIN; GAH; GUANASE; NEDASIN



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Locus ID: 9615

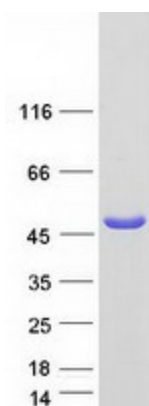
UniProt ID: [Q9Y2T3](#), [A0A024R231](#)

Cytogenetics: 9q21.13

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:



Coomassie blue staining of purified GDA protein (Cat# [TP308771]). The protein was produced from HEK293T cells transfected with GDA cDNA clone (Cat# [RC208771]) using MegaTran 2.0 (Cat# [TT210002]).