

Product datasheet for **TP308771M**

GDA (NM_004293) Human Recombinant Protein

Product data:

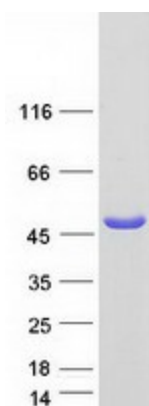
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human guanine deaminase (GDA), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208771 representing NM_004293 Red =Cloning site Green =Tags(s)
	MCAAQMPPLAHIFRGTFVHSTWTCPMEVLRDHLGVS DSGKIVFLEEASQQEKLAKEWCFKPCEIRELSH HEFFMPGLVDTHIHASQYSFAGSSIDLPLEWLTKYTFPAEHRFQNI DFAEEVYTRVRRTLKNGTTTAC YFATIHTDSSLLLADITDKFGQRA FVGKVCMDLNDTFPEYKETTEESIKETERFVSEMLQKNYSRVKPIV TPRFSLSCSETLMGELGNI AKTRDLHIQSHISENRDEVEAVKNLYPSYKNYTSVYDKNNLLTNKTVMAHG CYLSAEELNVFHERGASIAHCPNSNLSLSSGFLNVLEVLKHEVKIGLGT DVAGGYSYSMLDAIRRAVMVS NILLINKVNEKSLTLKEVFR LATLGGSQALGLDGEIGNFEV GKEFDAILINPKASDSPIDLFYGDFFGDI SEAVIQKFLYLGDDRNI EEVYVGGKQVVPFSSSV
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	50.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_004284</u>



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Locus ID:	9615
UniProt ID:	Q9Y2T3 , A0A024R231
RefSeq Size:	5430
Cytogenetics:	9q21.13
RefSeq ORF:	1362
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:



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]).