

Recombinant Full Length Human GDA Protein, GST-tagged

Cat. No. GDA-5191HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GDA full-length ORF (AAH53584, 1 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	454 amino acids
Description	The protein encoded by this gene is an enzyme that catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia. It is also known as a cytosolic regulator of PSD-95 postsynaptic targeting. [provided by RefSeq
Molecular Mass	75.68 kDa
AA Sequence	MCAAQMPPLAHIFRGTFVHSTWTCPEVLRDHLGVSDSGKIVFLEEASQQEKLAK EWCFKPCEIRELSHHEFFMPGLVDTHIHASQYSFAGSSIDLPLEWLTKYTFPAEHRF QNIDFAEEVYTRVVRRTLKNGTTTACYFATIHTDSSLLLADITDKFGQRAFGVKVCMD LNDTFPEYKETTESIKETERFVSEMLQKNYSRVKPIVTPRFSLSCSETLMGELGNIA KTRDLHIQSHISENRDEVEAVKNLYPSYKNYTSVYDKNLLTNKTVMAHGCYLSAEE LNVFHERGASIAHCPNSNLSLSSGFLNVLEVLLKHEVKIGLGTDVAGGYSYSMLDAIRR AVMVSNILLINKVNEKSLTLKEVFRLATLGGSQALGLDGEIGNFEVGKEFDAILINPKA SDSPIDLFYGDFFGDISEAVIQKFLYLGDDRNIIEVYVGGKQVVPFSSSV
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GDA guanine deaminase [Homo sapiens]
Official Symbol	GDA
Synonyms	GDA; guanine deaminase; GAH; p51-nedasin; guanine aminase; guanine aminohydrolase; cytoplasmic PSD95 interactor; CYPIN; GUANASE; NEDASIN; MGC9982; KIAA1258;
Gene ID	9615
mRNA Refseq	NM_001242505
Protein Refseq	NP_001229434
MIM	139260
UniProt ID	Q9Y2T3

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