

# Recombinant Full Length Human GDA Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human GDA full-length ORF ( AAH53584, 1 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	454 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	75.68 kDa
<b>AA Sequence</b>	MCAAQMPPLAHIFRGTFVHSTWTCPEVLRDHLLGVSDSGKIVFLEEASQQEKLAK EWCFKPCEIRELSHHEFFMPGLVDTHIHASQYSFAGSSIDLPLEWLTKYTFPAEHRF QNIDFAEEVYTRVVRRTLKNGTTTACYFATIHTDSSLLLADITDKFGQRAFVGKVCMD LNDFPEYKETTEESIKETERFVSEMLQKNYSRVKPIVTPRFSLSCSETLMGELGNIA KTRDLHIQSHISENRDEVEAVKNLYPSYKNYTSVYDKNLLTNKTVMAHGCVLSAEE LNVFHERGASIAHCPNSNLSLSSGFLNVLEV LKHEVKIGLGT DVAGGYSYSMLDAIRR AVMVSNILLINKVNEKSLTLKEVFRLATLGGSQLGLDGEIGNFEVKGKFDAILINPKA SDSPIDLFYGDFFGDISEAVIQKFLYLGDDRNIIEVYVGGKQVVPFSSSV
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GDA guanine deaminase [ Homo sapiens ]
<b>Official Symbol</b>	GDA
<b>Synonyms</b>	GDA; guanine deaminase; GAH; p51-nedasin; guanine aminase; guanine aminohydrolase; cytoplasmic PSD95 interactor; CYPIN; GUANASE; NEDASIN; MGC9982; KIAA1258;
<b>Gene ID</b>	9615
<b>mRNA Refseq</b>	NM_001242505
<b>Protein Refseq</b>	NP_001229434
<b>MIM</b>	139260
<b>UniProt ID</b>	Q9Y2T3

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