

Recombinant Human GDA Protein, GST-tagged

Cat. No. GDA-4810H **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	Wheat Germ
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	MCAAQMPPLAHIFRGTfVHSTWTCpMEVLRDhLLGVSDSGKIVFLEEASQQEKlAK EWCfKPCeIRElSHHEffMPGLVDTHIHASQYsFAGSSIDlPLLEWlTKYTFPAEHRf QNIDFAEEVYTRVVRrTLKNGtTTAcYFATIHTDSSlLLADITDKfGQRAFVGKVCMD LNDTFPEYKETTeesIKETERfVSEMLQKNYSRVKPIVtPRfSLSCSETLMGELGNIA KTRDLHIQSHISEnrDEVEAVKNLYPSYKNYtSVYDKNLLTNKtVMAHGcYLSAEe LNVfHERGASIAHCPNSnLSLSSGfLNVLEVLKHEVKIGlGTDVAGGYSYSMLDAIRR AVMVSNIllINKVNEKsLTLKEVFRLATLGGsQALGLDGEIGNfEVGKEFDAILINPKA SDSPIDLFYGDffGDISEAVIQKfFLYLGDDRNIeeVYVGGKQVVPfSSSV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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

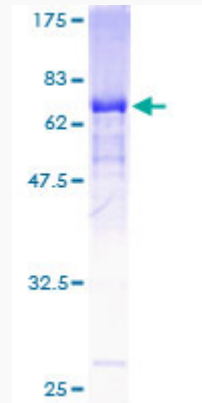
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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