



Recombinant Human Guanine deaminase (GDA)

Product Code	CSB-MP009337HU
Abbreviation	GDA
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y2T3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MCAAQMPPLA HIFRGTFVHS TWTCPMEVLR DHLLGVSDSG KIVFLEEASQ QEKLAKIEWCF KPCEIRELSH HEFFMPGLVD THIHASQYSF AGSSIDLPLL EWLTKYTFPA EHRFQNI DFA EEVYTRVRR TLKNGTTTAC YFATIHTDSS LLLADITDKF GQRA FVGKVC MDLNDTFPEY KETTEESIKE TERFVSEMLQ KNYSRVKPIV TPRFSLSCSE TLMGELGNIA KTRDLHIQSH ISENRDEVEA VKNLYPSYKN YTSVYDKNL LTNKTVMAHG CYLSAEELNV FHERGASIAH CPNSNLSLSS GFLNVLEVLK HEVKIGLGT D VAGGYSYSML DAIRRAVMVS NILLINKVNE KSLTLKEVFR LATLGGSQAL GLDGEIGNFE VGKEFDAILI NPKASDSPID LFGDFFGDI SEAVIQKFLY LGDDRNIIEV YVGGKQVVPF SSSV
Source	Mammalian cell
Target Names	GDA
Protein Names	Recommended name: Guanine deaminase Short name= Guanase Short name= Guanine aminase EC= 3.5.4.3 Alternative name(s): Guanine aminohydrolase Short name= GAH p51-nedasin
Expression Region	1-454
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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