

GDA, human recombinant protein
Guanine deaminase, CYPIN, GUANASE, NEDASIN
Catalog # PBV11366r

Specification

GDA, human recombinant protein - Product info

Primary Accession	Q9Y2T3
Concentration	1
Calculated MW	53 kDa (477 aa, 1-454 aa + His Tag) kDa

GDA, human recombinant protein - Additional Info

Gene ID	9615
Gene Symbol	GDA
Other Names	
Guanine deaminase, CYPIN, GUANASE, NEDASIN	
Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	Specific activity is > 0.9 unit/ml
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMCAAQMP PLAHIFRGTF VHSTWTCPME VLRDHLLGVS DSGKIVFLEE ASQQEKLAK WCFKPCEIRE LSHHEFFMPG LVDTHIHASQ YSFAGSSIDL PLEWLTKYT FPAEHRFQNI DFAEEVYTRV VRRTLKNGTT TACYFATIHT DSSLLLADIT DKFGQRAFGV KVCMDLNDTF PEYKETTES IKETERFVSE MLQKNYSRVK PIVTPRFSL S CSETLMGELG NIAKTRDLHI QSHISENRDE VEAVKNLYPS YKNYTSVYDK NNLLTNKTVM AHGCYLSAEE LNVFHERGAS IAHCPNSNLS LSSGFLNVLE VLKHEVKIGL GTDVAGGYSY SMLDAIRRAV MVSNILLINK VNEKSLTLKE VFRLATLGGS QALGLDGEIG NFEVGKEFDA ILINPKASDS PIDLFYGDFF GDISEAVIQK FLYLGDDRNI EEVYVGKQV VPFSSSV

Target/Specificity

GDA

Format

Liquid

Storage

-20°C; 1 mg/ml solution 20 mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1 mM DTT.

GDA, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GDA, human recombinant protein - Images**GDA, human recombinant protein - Background**

GDA is 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. Recombinant human GDA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

GDA, human recombinant protein - References

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Nagase T.,et al.DNA Res. 6:337-345(1999).
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