

Datasheet for ABIN7548225
GDA Protein (AA 1-454) (His tag)



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Overview

Quantity:	1 mg
Target:	GDA
Protein Characteristics:	AA 1-454
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GDA protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat GDA Protein expressed in mammalien cells.
Sequence:	<p>MCAAQMPPLA HIFRGTFVHS TWTCPMEVLR DHLLGVSDSG KIVFLEEASQ QEKLAKIEWCF KPCEIRELSH HEFFMPGLVD THIHASQYSF AGSSIDLPLL EWLTKYTFPA EHRFQNIDFA EEVYTRVRR TLKNGTTTAC YFATIHTDSS LLLADITDKF GQRAFGKVC MDLNDTFPEY KETTEESIKE TERFVSEMLQ KNYSRVKPIV TPRFSLSCSE TLMGELGNIA KTRDLHIQSH ISENRDEVEA VKNLYPSYKN YTSVYDKNNL LTNKTVMAHG CYLSAEELNV FHERGASIAH CPNSNLSLSS GFLNVLEV LK HEVKIGLGTD VAGGYSYSML DAIRRAVMVS NILLINKVNE KSLTLKEVFR LATLGGSQAL GLDGEIGNFE VGKEFDAILI NPKASDSPID LFYGDFFGDI SEAVIQKFLY LGDDRNIIEV YVGGKQVVPF SSSV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

GDA

Alternative Name:

GDA ([GDA Products](#))

Background:

Guanine deaminase (Guanase) (Guanine aminase) (EC 3.5.4.3) (Guanine aminohydrolase) (GAH) (p51-nedasin),FUNCTION: Catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia. {ECO:0000269|PubMed:10075721, ECO:0000269|PubMed:22662200}.

Molecular Weight:

51.0 kDa

UniProt:

[Q9Y2T3](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months