Datasheet for ABIN1612342

GDA Protein (AA 1-454) (His tag)

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Overview

Quantity:	1 mg
Target:	GDA
Protein Characteristics:	AA 1-454
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GDA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MCAAQMPPLA HIFRGTFVHS TWTCPMEVLR DHLLGVSDSG KIVFLEEASQ QEKLAKEWCF KPCEIRELSH HEFFMPGLVD THIHASQYSF AGSNIDLPLL EWLTKYTFPA EHRFQNTDFA EEVYTRVVRR TLKNGTTTAC YFATIHTDSS LLLADITDKF GQRAFVGKVC MNLNDTFPEY NETTEESIKE TERFVSEMLQ RKYSRVKPIV TPRFSLSCSE TLMGDLGNIA KTHDLHIQSH ISENRDEVEA VKNLYPSYKN YTDVYDKNNL LTNKTVMAHG CYLSAEELNV FHERGASIAH CPNSNLSLSS GFLNVLEVLK HEVKIGLGTD VAGGYSYSML DAIRRAVMVS NILLINKVNE KSLTLKEVFR LATLGGSQAL GLDGEIGNFE VGKEFDAILI NPKASDSPID LFYGDFFGDI SEAVIQKFLY LGDDRNIEEV YVGGKQVVPF SSSV
Specificity:	Pongo abelii (Sumatran orangutan)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	GDA
Abstract:	GDA Products
Background:	Recommended name: Guanine deaminase. Short name= Guanase. Short name= Guanine aminase. EC= 3.5.4.3. Alternative name(s): Guanine aminohydrolase. Short name= GAH
UniProt:	Q5RAV9

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.