Datasheet for ABIN7591300

GNPAT Protein (AA 1-678) (His tag)

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Overview

Quantity:	100 µg
Target:	GNPAT
Protein Characteristics:	AA 1-678
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNPAT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDVPSSSSSR FSVGSASPSS VLLYAKDLKK WDEFEDLLEE RRQVSDFKFA MKCYTPPLYR GITPCKPSDI KSIVLNSEEI NYVIKQLSRE SLTGVDVLRE EANEILEEMS HKLRIGAIRF FAFVLSKVFK QIFSKVCVNE EGIQKLQRAI QEHPVILLPS HRSYIDFLML SFVLYNYDLP VPVIAAGMDF LGMRVVSELL RMSGAFFMRR TFGGNKLYWA VFSEYVKTML RSGYAPVEFF LEGTRSRAAK TLTPKFGLLN IVMEPFFKRE VFDTYFVPIS ISYDKILEES LYAYELLGIP KPKESTTGLL KARRILSENF GSIHVYFGDP VSLRSLAAGR LSRNTYNLVP RCIPQKQPED VQAFVTEVAY KMQLLQIENL ALSPWLLVVA ILLQNQLCMD FDALVEKTLW LKGLTQVFGG FLLWPDNKLP EEVVQSSILL HSNLATLVKD QVVLKVDSES SQMVNGLVPQ HIAFLMCSAY RNQLLNVFAR PSLVAVALHM TPGLRKEDVF SCFSFLRNVF SDEFIFLPGN TLRDFEEGCY LLCKTEVMQM TGKDIILTDK GNAVLQFLTG LFKPFVESYQ ILSKCLLHEE DYFSEKEYLV TARKFTRQLL DQDASQCYDA LSSELQKNAL AAFVRLGVVE KNKVDSKYVY YVNGPATSKL EEMLGCKKPI GKPATAKL
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
Purity:	> 90 %

Target Details

Target:	GNPAT
Alternative Name:	Dihydroxyacetone phosphate acyltransferase (Gnpat) (GNPAT Products)
Background:	Recommended name: Dihydroxyacetone phosphate acyltransferase. Short name= DAP-AT. Short name= DHAP-AT. EC= 2.3.1.42. Alternative name(s): Acyl-CoA:dihydroxyacetonephosphateacyltransferase Glycerone-phosphate O-acyltransferase
UniProt:	Q9ES71
Pathways:	Cell-Cell Junction Organization

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

Handling

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