Datasheet for ABIN1665388

GNTZ Protein (AA 1-467) (His tag)

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Overview

Quantity:	1 mg
Target:	GNTZ
Protein Characteristics:	AA 1-467
Origin:	Bacillus licheniformis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNTZ protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRNTIGVIGL GVMGSNIALN MASKGEQVAV YNYTRDLTDQ LVQKTGGQTV KPYYELEDFV QSLEKPRKIF LMVTAGKPVD SVIDSLVPLL EEGDVIMDGG NSHYEDTERR YDSLKAKGIG YLGIGISGGE VGALKGPSIM PGGDRDVYEK AAPILTKIAA QVEGDPCCVY IGPKGAGHFV KMVHNGIEYA DMQLIAEAYT FLREKLLLPI DEIADIFDTW NQGELKSYLI EITAEILRKK DERTGAPLID VILDKTGQKG TGKWTSLQAI DNGIPSSIIT ESLFARYLSS LKDERTAAEN VLAGPETEER PLDQNVWIDR VRQALYMGKV CAYAQGFAQY KMTSDLNGWH LPLKDIALIF RGGCIIRAQF LNLISEVYDK QPDLSNLLVA PDFAEKLKEY QSGLRKVVCE GISSGISFPC LSTALSYYDG YRTGRSNANL LQAQANYFGA HTYERTDMEG VFHTDWY
Specificity:	Bacillus licheniformis
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:	GNTZ
Alternative Name:	6-phosphogluconate dehydrogenase, decarboxylating (gntZ) (GNTZ Products)
Background:	Recommended name: 6-phosphogluconate dehydrogenase, decarboxylating. EC= 1.1.1.44
UniProt:	P52207

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