Datasheet for ABIN1610328

GPT2 Protein (AA 1-482) (His tag)

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Overview

Quantity:	1 mg
Target:	GPT2
Protein Characteristics:	AA 1-482
Origin:	Proso millet (Panicum miliaceum)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPT2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAATVAVENL NPKVLKCEYA VRGEIVIHAQ HLQQQLQTQP GSLPFDEILY CNIGNPQSLG QQPVTFFREV LALCDHPCLL EKEETKSLFS ADAISRAKQI LSTIPGRATG AYSHSQGIKG LRDAIAAGIA SRDGFPANAD DIFVTDGASP GVHMMMQLLI RNEKDGILCP IPQYPLYSAS IALHGGTLVP YYLDEKTGWG LEISDLKKQL EDARSKGIDV RALVVINPGN PTGQVLAEDN QCDIVRFCKN EGLVLLADEV YQENIYVDDK KFNSFKKIAR SVGYGEDDLP LVSFQSVSKG YYGECGKRGG YMEITGFSAP VREQIYKIAS VNLCSNITGQ ILASLVMNPP KVGDESYAAY KAEKDGILQS LARRAKALED AFNNLEGISC NKAEGAMYLF PQIHLPKKAI EAAKAANKAP DAFYALRLLE STGIVVVPGS GFGQVPGTWH IRCTILPQED KIPAVITRFK AFHEAFMAEY RD
Specificity:	Panicum miliaceum (Proso millet) (Broomcorn millet)
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:	GPT2
Alternative Name:	Alanine aminotransferase 2 (GPT2 Products)
Background:	Recommended name: Alanine aminotransferase 2. Short name= ALAAT-2. EC= 2.6.1.2. Alternative name(s): Glutamate pyruvate transaminase 2. Short name= GPT Glutamic--alanine transaminase 2 Glutamic--pyruvic transaminase 2
UniProt:	P34106

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

Handling

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