Datasheet for ABIN7589579

GFPT2 Protein (AA 2-682) (His tag)

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Overview

Quantity:	100 µg
Target:	GFPT2
Protein Characteristics:	AA 2-682
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GFPT2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	CGIFAYMNY RVPKTRKEIF ETLIRGLQRL EYRGYDSAGV AIDGNNHEVK ERHIHLVKKK GKVKALDEEL YKQDSMDLKV EFETHFGIAH TRWATHGVPN VVNSHPQRSD KDNEFVVIHN GIITNYKDLR KFLESKGYEF ESETDTETIA KLIKYVFDNR ETEDITFSTL VERVIQQLEG AFALVFKSIH YPGEAVATRR GSPLLIGVRS KYKLSTEQIP VLYRTCTIEN VKNICKTRLK RLDSSTCLHA VGDKAVEFFF ASDASAIIEH TNRVIFLEDD DIAAVADGKL SIHRVKRSAS DDPSRAIQTL QMELQQIMKG NFSAFMQKEI FEQPESVFNT MRGRVNFETN TVLLGGLKDH LKEIRRCRRL IVIGCGTSYH AAVATRQVLE ELTELPVMVE LASDFLDRNT PVFRDDVCFF ISQSGETADT LLALRYCKDR GALTVGITNT VGSSISRETD CGVHINAGPE IGVASTKAYT SQFISLVMFG LMMSEDRISL QTRRQEIIRG LRSLPELIKE VLSLDEKIHD LALELYTQRS LLVMGRGYNY ATCLEGALKI KEITYMHSEG ILAGELKHGP LALVDKQMPV IMVIMKDPCF AKCQNALQQV TARQGRPIIL CSKDDTESSK FAYKTIELPH TVDCLQGILS VIPLQLLSFH LAVLRGYDVD FPRNLAKSVT VE

Product Details

Specificity:	Rattus norvegicus (Rat)
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:	GFPT2
Alternative Name:	Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 2 (Gfpt2) (GFPT2 Products)
Background:	Recommended name: Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 2. EC= 2.6.1.16. Alternative name(s): D-fructose-6-phosphate amidotransferase 2 Glutamine:fructose 6 phosphate amidotransferase 2. Short name= GFAT 2. Short name= GFAT2 Hexosephosphate aminotransferase 2
UniProt:	Q4KMC4

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

Handling

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.