Datasheet for ABIN7587560

ATIC Protein (AA 1-592) (His tag)

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Overview

Quantity:	100 µg
Target:	ATIC
Protein Characteristics:	AA 1-592
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATIC protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASSQLALFS VSDKTGLVEF ARNLASLGLS LVASGGTAKA IRDAGLAVRD VSELTGFPEM LGGRVKTLHP AVHAGILARN IPEDAADMAR LDFNLIRVVV CNLYPFVKTV ASPDVTVEAA VEQIDIGGVT LLRAAAKNHA RVTVVCEPED YGAVAAEMQG SGNKDTSLET RRHLALKAFT HTAQYDEAIS DYFRRQYSKG ISQMPLRYGM NPHQTPAQLY TLKPKLPITV LNGAPGFINL CDALNAWQLV TELRGAVDIP AAASFKHVSP AGAAVGVPLS EDEARVCMVY DLYPTLTPLA IAYARARGAD RMSSFGDFVA LSDVCDVPTA KIISREVSDG IVAPGYEEEA LKILSKKKNG SYCVLQMDQS YKPDENEVRT LFGLRLSQKR NNGVVDKSLF SNIVTKNKDL PESALRDLIV ATIAVKYTQS NSVCYAKDGQ VIGIGAGQQS RIHCTRLAGD KANSWWLRHH PRVLSMKFKA GVKRAEVSNA IDQYVTGTIG EGEDLVKWKA LFEEVPELLT EAEKKEWVDK LSGVSVSSDA FFPFRDNVDR AKRSGVAYIV APSGSTADKV VIEACDELGI VLAHTDLRLF HH
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ATIC
Alternative Name:	Bifunctional purine biosynthesis protein PURH (Atic) (ATIC Products)
Background:	Recommended name: Bifunctional purine biosynthesis protein PURH Including the following 2 domains: Phosphoribosylaminoimidazolecarboxamide formyltransferase. EC= 2.1.2.3. Alternative name(s): 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase AICAR transformylase IMP cyclohydrolase. EC= 3.5.4.10. Alternative name(s): ATIC IMP synthase Inosinicase
UniProt:	O35567

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

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.