Datasheet for ABIN1672033

Uracil Phosphoribosyltransferase (UPP) (AA 1-208) protein (His tag)

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Overview

Quantity:	1 mg
Target:	Uracil Phosphoribosyltransferase (UPP)
Protein Characteristics:	AA 1-208
Origin:	Bacteria (Desulfovibrionales)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MAVYVVDHPL VRHKIGILRM ESTSTSEFRS VSNEVARLLI YEATKGFRTE KHTVQGWAGP VEIEAISGKK VTVVPILRAG LGLMDGVLDM IPGAKISVVG LYRNEETLEP VEYYVKLASD MDQRLAIILD PMLATGGSLI ATIELLKRHG CRQICSLNLV CAPEGIAKVE AAHPDVDIYT AAIDDHLNEQ GYIIPGLGDA GDRIFGTK
Specificity:	Desulfovibrio desulfuricans (strain ATCC 27774 / DSM 6949)
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:	Uracil Phosphoribosyltransferase (UPP)

Target Details

Abstract:	UPP Products
Background:	Recommended name: Uracil phosphoribosyltransferase. EC= 2.4.2.9. Alternative name(s): UMP pyrophosphorylase UPRTase
UniProt:	B8IZH6

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.