Datasheet for ABIN1675907

NAPRT1 Protein (AA 1-538) (His tag)

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Overview

Quantity:	1 mg
Target:	NAPRT1 (NAPRT)
Protein Characteristics:	AA 1-538
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAPRT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEMELDDQGR MVVRPLLTDL YQATMGLGYW RAGRACEEAE FELFFRHCPF GGSFALTAGL QDCIRFLRAF RLRDADVQFL ASVLPPDTDP AFFEHLRALD CSRVSVRALP EGSLAFPGVP LLQVSGPLLL VQLLETPLLC LVSYASLVAT NAARLRLIAG PDKRLLEMGL RRAQGPDGGF TASIYSYLGG FDSSSNTLAG QLRGVPVAGT LAHSFITSFL GSEVPPDPML APASSEGPAV DLPASVNLWL KHVCIYLGLE EREPHLGERA AFVAYALAFP RAFQGLLDSY SVRRSGLPNF LAVALALGEL GYRAVGVRLD SGDLLQQAKE IRGIFRTVGA EFQMPWLEFV PIAVSNNIDE KELARLAQKG SEVNVIGIGT NVVTCPKQPS MGCVYKLVSV GGQPRIKLTE ESQKETLPGS KAAFRFLVSE GSLLLDLLQL AEEPPPKAGQ ELRVWLQGAQ EPCTVKPAQV EPLLRLYLQQ GQPYEPLPSL EESRAFAQQS LSRLRPAHKQ LQNPAVYQVA LSEKLRALVD SLSARGAL
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.

Product Details

Purity:	> 90 %

Target Details

Target:	NAPRT1 (NAPRT)
Alternative Name:	Nicotinate phosphoribosyltransferase (Naprt1) (NAPRT Products)
Background:	Recommended name: Nicotinate phosphoribosyltransferase. Short name= NAPRTase. EC= 2.4.2.11. Alternative name(s): Nicotinate phosphoribosyltransferase domain-containing protein 1
UniProt:	Q6XQN1

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.

