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Datasheet for ABIN1628789

MTRR Protein (AA 1-700) (His tag)

Overview

Quantity:	1 mg
Target:	MTRR
Protein Characteristics:	AA 1-700
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTRR protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MRRFLLLYAT QRGQAKAIAE EISEQALSHG FSADLHCVSE SEKYDLKTET GPLVMVSTT
 GTGDPPDTAR KFKVEIHNTK LPTDFFAHLW YGLLGLGDSE YTYFCNGGKV IDKRLQELGA
 QHFYDTGHAD DCVGLELVVE PWIDGLWPAL TKHFKSLGGQ EDMSDSDTLA QASDAPLSMA
 MKPELLHIQS QVELLSLEDV GKRDSSELQEQ NETNKNQPSR IEDFDSSLVN SVPPLSQSSL
 SIPAVSPEYL EVYLQESLGQ DENQASVPPS VDPIFQVPIS KAVELTTNDA IKTTLLLELD
 ISKVEFSHPQ GDSFNVICPN SGSEVEDLLQ RLQLADKQAH RVILKIKMDT KKKGASLPQH
 VPEGSSLQFI FTWCLEIRAV PKKAFLRALS DYTSDATEKR RLQELCSKQG AADYNRFIRD
 ASVCLDLLL TFPSCQPLN LLEHLPLKQ PRPYSCASS LLHPDKLHFV FNIVELPSNT
 TAASLRKGVC TGWLATLVAP FLQPNTTEVLT ADHSDALAPE ILISPRATNS FHLPPDLSAP
 IIMVGPGTGV APFVGFLQHR EKLQEQHPDG NFGAMWLFFG CRHKDRDYLF REELRHFLKT
 GVLTHLKVSF SRDAAPEEEE EAPAKYVQDN LQHHSQQVAR TLLQENGYIY VCGDAKNMAK
 DVHDLVEII SKEAGVDKLE AMKTLATLKQ EKRYLQDIWS

Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	MTRR
Alternative Name:	Methionine synthase reductase (Mtrr) (MTRR Products)
Background:	Recommended name: Methionine synthase reductase. Short name= MSR. EC= 1.16.1.8
UniProt:	Q498R1
Pathways:	Methionine Biosynthetic Process

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 modified 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.