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Datasheet for ABIN1629091
TGTA Protein (AA 1-490) (His tag)

Overview

Quantity:	1 mg
Target:	TGTA
Protein Characteristics:	AA 1-490
Origin:	Methanosarcina
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGTA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSAIFEILDK DAGGRIGRLR TPHGTVETPT VMPVINPNIQ LIPPKEMRNF GAEILITNSY IIRKEELKS VALEKGLHGL LGFDGPIMTD SGSFQLSVYG SVEVTNEEIL GFQQKIGSDI IVPLDIPTPP DVHYRRAEEE LAITAERLEA ARKFIQSEQL LAGPVQGSTY PELREKAASH LKDLNFEVYP LGAVVPLMEA YRYAELVDVI AASKKGLSPA SPVHLFGAGH PMMFALAVAM GCDLFDSAAY ALYAKDGRYI TVNGTYHVEK LNYLPCSCPV CSKYTAEELK KADNREELLG KHNLYATFAE IRLIKQCIKD GKLELVEQR CRAHPKLLDG LKKLYTHSSW LEQLDPATKG TFFYCGPESS SRPEILRFGK RLDRFSLQGS VIIRTGSVKG EKDYDQILTF KAPFGAFPVE MEEVYPFNAE VPKFPDYESL NTALSNTLKL IDLNPEAEFT FICEEEFKHP LIEEIRKRAK LVYRKDWKKE
Specificity:	Methanosarcina barkeri (strain Fusaro / DSM 804)
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.

Product Details

Purity: > 90 %

Target Details

Target: TGTA

Abstract: [TGTA Products](#)

Background: Recommended name: 7-cyano-7-deazaguanine tRNA-ribosyltransferase.
EC= 2.4.2.-.
Alternative name(s): Archaeal tRNA-guanine transglycosylase

UniProt: [Q46DI6](#)

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 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.