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Datasheet for ABIN1628533
GAP1 Protein (AA 1-338) (His tag)

Overview

Quantity:	1 mg
Target:	GAP1
Protein Characteristics:	AA 1-338
Origin:	Methanosarcina
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVKAKIAVNG YGTIGKRVAD AVRAQDDMEV IGIKTKPNY EAAVAHQIGY DIYAPAAANLE AFEKAGMPAA GTIEEMVEKA DLVVDCTPGG IGEKNKPMYE KAGVKAIWQG GEDHSLAGFS FNAICNQEQA VGRDLVRVVS CNTTALCRAI YPIDKELGVK KARVVLARRA TDPNDVKKGP INAIVPDIK LPSHHGPDVK SVLPQINITS AALKIPTTLM HVHTVNMEVE KDCTVDDVKN IFGSQPRIRF VGQGMSSTAE IMEFARDMKR PRNDMWENCI WPESITVGDK ELYFFQAVHQ ESIVVPENV D AIRAMMEFES DGAKSIEKTN KAIGLSKK
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.
Purity:	> 90 %

Target Details

Target:	GAP1
Alternative Name:	Glyceraldehyde-3-phosphate dehydrogenase 1 (gap1) (GAP1 Products)
Background:	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase 1. Short name= GAPDH 1. EC= 1.2.1.59. Alternative name(s): NAD(P)-dependent glyceraldehyde-3-phosphate dehydrogenase 1
UniProt:	Q46AH5

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.