Datasheet for ABIN7585077

ME1 Protein (AA 1-572) (His tag)

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Overview

Quantity:	100 µg
Target:	ME1
Protein Characteristics:	AA 1-572
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ME1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDPRAPRRRH THQRGYLLTR DPHLNKDLAF TLEERQQLKI HGLLPPCIVN QEIQVLRVIK NFERLNSDFD RYLLLMDLQD RNEKLFYSVL MSNVEKFMPI VYTPTVGLAC QQYSLAFRKP RGLFISIHDK GHIASVLNAW PEDVVKAIVV TDGERILGLG DLGCNGMGIP VGKLALYTAC GGVNPQQCLP ITLDVGTENE ELLKDPLYIG LRHRRVRGPE YDAFLDEFME AASSKYGMNC LIQFEDFANL NAFRLLNKYR NKYCTFNDDI QGTASVAVAG LLAALRITKN KLSDQTVLFQ GAGEAALGIA HLIVMAMEKE GLSKEKARQK IWLVDSKGLI VKGRASLTEE KEVFAHEHEE MKNLEAIVQK IKPTALIGVA AIGGAFTEQI LKDMAAFNER PIIFALSNPT SKAECSAEEC YKVTKGRAIF ASGSPFDPVT LPDGRTLFPG QGNNSYVFPG VALGVVACGL RHINDSVFLT TAEVISQQVS DKHLEEGRLY PPLNTIRDVS LKIAVKIVQD AYKEKMATVY PEPQNKEEFV SSQMYSTNYD QILPDCYSWP EEVQKIQTKV NQ
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ME1
Alternative Name:	NADP-dependent malic enzyme (Me1) (ME1 Products)
Background:	Recommended name: NADP-dependent malic enzyme. Short name= NADP-ME. EC= 1.1.1.40. Alternative name(s): Malic enzyme 1
UniProt:	P13697
Pathways:	Regulation of Lipid Metabolism by PPARalpha

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

Handling

	one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.