Datasheet for ABIN1666060

NEI Protein (AA 2-255) (His tag)

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Overview

Quantity:	1 mg
Target:	NEI
Protein Characteristics:	AA 2-255
Origin:	Mycobacterium bovis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEI protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	PEGDTVWHT AATLRRHLAG RTLTRCDIRV PRFAAVDLTG EVVDEVISRG KHLFIRTGTA SIHSHLQMDG SWRVGNRPVR VDHRARIILE ANQQEQAIRV VGVDLGLLEV IDRHNDGAVV AHLGPDLLAD DWDPQRAAAN LIVAPDRPIA EALLDQRVLA GIGNVYCNEL CFVSGVLPTA PVSAVADPRR LVTRARDMLW VNRFRWNRCT TGDTRAGRRL WVYGRAGQGC RRCGTLIAYD TTDERVRYWC PACQR
Specificity:	Mycobacterium bovis
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.
Purity:	> 90 %

Target Details

Target:	NEI
Alternative Name:	Putative DNA glycosylase Mb3325 (nei) (NEI Products)
Background:	Recommended name: Putative DNA glycosylase Mb3325. EC= 3.2.2.-. Alternative name(s): Putative DNA-(apurinic or apyrimidinic site) lyase Mb3325. Short name= Putative AP lyase Mb3325. EC= 4.2.99.18
UniProt:	P64157

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