Datasheet for ABIN7585134

MPG Protein (AA 1-317) (His tag)

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Overview

Quantity:	100 µg
Target:	MPG
Protein Characteristics:	AA 1-317
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPG protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SKEPVSVVLP DAEHPAFPGR TRRPGNARAG SQVTGSREVG QMPAPLSRKI GQKKQQLAQS EQQQTPKEKL SSTPGLLRSI YFSSPEDRPA RLGPEYFDQP AVTLARAFLG QVLVRRLADG TELRGRIVET EAYLGPEDEA AHSRGGRQTP RNRGMFMKPG TLYVYLIYGM YFCLNVSSQG AGACVLLRAL EPLEGLETMR QLRNSLRKST VGRSLKDREL CNGPSKLCQA LARSKSFDQR DLAQDEAVWL EHGPLESSSP AVVAAAAGIG HAGEWTQKPL RFYVQGSPWV SVVDRVAEQM YQPQQTACSD XALIVQK
Specificity:	Rattus norvegicus (Rat)
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:	MPG
Alternative Name:	DNA-3-methyladenine glycosylase (Mpg) (MPG Products)
Background:	Recommended name: DNA-3-methyladenine glycosylase. EC= 3.2.2.21. Alternative name(s): 3-alkyladenine DNA glycosylase 3-methyladenine DNA glycosidase ADPG N-methylpurine-DNA glycosylase
UniProt:	P23571
Pathways:	DNA Damage Repair

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.