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Datasheet for ABIN1640895

MUTYH Protein (AA 1-516) (His tag)

Overview

Quantity:	1 mg
Target:	MUTYH
Protein Characteristics:	AA 1-516
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MUTYH protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MKKLRASVRS HKKQPANHKR RGKCALSSSQ AKPSGLDGLA KQKREELLKT PVSPYHLFSD</p> <p>IADVTAFRRN LLSWYDQEK R DLPWRKR VKE ETNLD RRAYA VVWSEV MLQQ TQVATVIDYY</p> <p>TRWMQKWPTL QDLASASLEE VNQLWSGLGY YSRGRRLQEG ARKVVEELGG HVPRTAETLQ</p> <p>QLLPGVGRYT AGAIASIAFD QVTGVVDGNV IRVLCRVRAI GADPTSSFVS HHLWDLAQQ L</p> <p>VDPARPGDFN QAAMELGATV CTPQRPLCNH CPVQSLCRAH QRVGQGRLSA LPGSPDIEEC</p> <p>ALNTRQCQLC LPSTNPWDPN MGVVNFPRKA SRRPPREEYS ATCVVEQPGA TGGPLILLVQ</p> <p>RPNSGLLAGL WEFPSVTLEP SGQH QHKALL QELQHWSAPL PTTPLQHLGE VIHVF SHIKL</p> <p>TYQVYSLALE GQTPASTTLP GARWLTWEEF RNAAVSTAMK KVFRVYEEHR RGTCKGSKRP</p> <p>QVCTPSSRKK PSRGQQVLDR FFQRHIP THK PNSTTQ</p>
Specificity:	Rattus norvegicus (Rat)
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: MUTYH

Alternative Name: A/G-specific adenine DNA glycosylase (Mutyh) ([MUTYH Products](#))

Background: Recommended name: A/G-specific adenine DNA glycosylase.
EC= 3.2.2.-.
Alternative name(s): MutY homolog.
Short name= rMYH

UniProt: [Q8R5G2](#)

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 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

Handling

Storage: -20 °C

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