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Datasheet for ABIN1634585
APOBEC3G Protein (AA 1-381) (His tag)

Overview

Quantity:	1 mg
Target:	APOBEC3G
Protein Characteristics:	AA 1-381
Origin:	Woolly Monkey
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOBEC3G protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKPQTRNTVV RMDPDTFFYN FYNRPILSHR NTVWLCYEVK MKTNDPSRPP LVANIFQGQV SFNPEHHAEM YFLSWFRGNL LPACKRSQIT WFVSWNPCLY CVAKVAEFLA EHPKVTLTVS TARLYCYRKK DWRRALRKLS QTGARVKIMD YEEFQHCWDN FVDNQREPFE PWNALPKHYT LLRITLGEVL RHRMDPVTFT YNFTNDPSVL GQHQSILCYK VEHLRNGTWV PLHQHRGFIL NEASNSVSFP EGRHAELCLL DLISFWKLKQ AQRVYVTCFI SWSPCFSCAE KVAEFLQENP HVNLHISAAR IYDYQRGYKK GLRRLDRAGT PISMMKYSEF KHCWDTFVDH QGHPFQPWEE LNEHSQALSG RLQAILQNQG N
Specificity:	Lagothrix lagotricha (Common woolly monkey)
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:	APOBEC3G
Alternative Name:	DNA dC->dU-editing enzyme APOBEC-3G (APOBEC3G) (APOBEC3G Products)
Background:	Recommended name: DNA dC->dU-editing enzyme APOB. EC-3G. EC= 3.5.4.-
UniProt:	Q694B8

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.