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Datasheet for ABIN1618320 LMO1 Protein (AA 1-156) (His tag)



Overview	
Quantity:	1 mg
Target:	LM01
Protein Characteristics:	AA 1-156
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LMO1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MMVLDKEDGV PMLSVQPKGK QKGCAGCNRK IKDRYLLKAL DQYWHEDCLK CACCDCRLGE
	VGSTLYTKAN LILCRRDYLR LFGTTGNCAA CSKLIPAFEM VMRARDNVYH LDCFACQLCN
	QRFCVGDKFF LKNNMILCQM DYEEGQLNGT FDSHVQ
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %
Target Details	
Target:	LM01
Alternative Name:	Rhombotin-1 (LMO1) (LMO1 Products)

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Target Details	
Background:	Recommended name: Rhombotin-1.
	Alternative name(s): LIM domain only protein 1.
	Short name= LMO-1
UniProt:	Q0P5B3
Pathways:	Dopaminergic Neurogenesis
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

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.

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