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Datasheet for ABIN1625781

MSX1 Protein (AA 1-297) (His tag)

Overview

Quantity:	1 mg
Target:	MSX1
Protein Characteristics:	AA 1-297
Origin:	Lemur
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MSX1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTSLPLGVKV EDSAFGKPAG GGAGQAPSAA AATAATMGAD EEGAKPKVSP SLLPFSVEAL MADHRKPGAK ESALAASEGA QAAGGSAQPL GVRPGSLCAP DAPSSPRPLG HFSVGGLLKL PEDGLIKAES PEKPERTPWM QSPRFSPPPA RRLSPACTL RKHKTNRKPR TPFTTAQLLA LERKFRQKQY LSIAERAELS SLSLTETQV KIWFQNRRAK AKRLQEAELE KLMMAKPML PPAAFGLSFP LGGPAAVAAA AGASLYGASG PFQRAALPVA PVGLYTAHVG YSMYHLT
Specificity:	Lemur catta (Ring-tailed lemur)
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:	MSX1
Alternative Name:	Homeobox protein MSX-1 (MSX1) (MSX1 Products)
Background:	Recommended name: Homeobox protein MSX-1. Alternative name(s): Msh homeobox 1-like protein
UniProt:	Q2VL78
Pathways:	Regulation of Muscle Cell Differentiation , Positive Regulation of Response to DNA Damage Stimulus

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.