Datasheet for ABIN1460470

KRT83 Protein (AA 1-493) (His tag)

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Overview

Quantity:	1 mg
Target:	KRT83
Protein Characteristics:	AA 1-493
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT83 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTCGFSTVGS GFGSRAFSCV SACGPRPGRC CITAAPYRGI SCYRGLTGGF GSRSVCGGFR AGYCSRSFGY RSGGVGGLSP PCITTVSVNE SLLTPLNLEI DPNAQCVKQE EKEQIKCLNN RFAAFIDKVR FLEQQNKLLE TKLQFYQNRQ CCESNLEPLF EGYIETLRRE AECVEADSGR LSSELNHVQE VLEGYKKKYE EEVALRATAE NEFVALKKDV DCAYIRKSDL EANSEALIQE IDFLRRLYEE EIRVLQANIS DTSVIVKMDN SRGLNMDNIV AEIKAQYDDI ASRSRAEAES WYRSKCEEIK ATVIRHGETL RRTKEEINEL NRLIQRLTAE VENAKCQNSK LEAAVTQAEQ QGEVALNDAR CKLAGLEEAL QKAKQDMACL LKEYQEVMNS KLGLDIEIAT YRRLLEGEEQ RLCEGVGAVN VCVSSSRGGV VCGDLCVSGS RPVTGSVCSA PCSGNLAVST GLCAPCGQLN TTCGGGSCSL GRC
Specificity:	Bos taurus (Bovine)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	KRT83
Alternative Name:	Keratin, type II cuticular Hb3 (KRT83) (KRT83 Products)
Background:	Recommended name: Keratin, type II cuticular Hb3. Alternative name(s): Keratin-83. Short name= K83 Type II hair keratin Hb3 Type-II keratin Kb23
UniProt:	A4FUZ0

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.