Datasheet for ABIN7587894

KRT81 Protein (AA 1-500) (His tag)

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Overview

Quantity:	100 µg
Target:	KRT81
Protein Characteristics:	AA 1-500
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT81 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTCGSGFRGR AFSCVSACGP RPGRCCITAA PYRGISCYRG LTGGFGSRSI CGGFRAGSFG RSFGYRSGGV GGLNPPCITT VSVNESLLTP LNLEIDPNAQ CVKQEEKEQI KCLNNRFAAF IDKVRFLEQQ NKLLETKLQF YQNRQCCESN LEPLFNGYIE TLRREAECVE ADSGRLSSEL NSLQEVLEGY KKKYEEEVAL RATAENEFVA LKKDVDCAYL RKSDLEANVE ALIQEIDFLR RLYEEEIRVL QAHISDTSVI VKMDNSRDLN MDNIVAEIKA QYDDIASRSR AEAESWYRSK CEEIKATVIR HGETLRRTKE EINELNRVIQ RLTAEVENAK CQNSKLEAAV TQAEQQGEAA LNDAKCKLAG LEEALQKAKQ DMACLLKEYQ EVMNSKLGLD IEIATYRRLL EGEEQRLCEG VGSVNVCVSS SRGGVVCGDL CVSGSRPVTG SVCSAPCSGN LAVSTGLCAP CGPCNSVTSC GLGGISSCGV GSCASVCRKC
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:	KRT81
Alternative Name:	Keratin, type II cuticular Hb1 (KRT81) (KRT81 Products)
Background:	Recommended name: Keratin, type II cuticular Hb1. Alternative name(s): Keratin-81. Short name= K81 Type II hair keratin Hb1 Type-II keratin Kb21
UniProt:	Q148H4

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.