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Datasheet for ABIN1666706

pan Keratin Protein (panKRT) (AA 1-433) (His tag)

Overview

Quantity:	1 mg
Target:	pan Keratin (panKRT)
Protein Characteristics:	AA 1-433
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This pan Keratin protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSYSTRSISQ SARFGVLASP GVNRARVAG GASTVRMSSA NVTSSAFGGG SAFAGSSAFA GSPAFNVSVT SNNKETMQN LNDRLANYLD RVRSLAQANH ELELKIREYL DKKAAVGLSD YSGYYNTINL LRSQINDATI DNTRLVLSID NAKLAADDFK IKYESEMAIR TGAESDIVGL RRVLDELTLN KTDLELEIES LKEELIYLKK NHEEELAVVR SSARGNVVDVQ VDSAPPVDLA QIMADVRSQY ESMMEKNRQE LEACYKGQSE NLNHEVATNT AALQTSKTAI TDLKRTIQSL EIELQSLLSM KGALEGLAE TEAQYGAQLN HLQAMITQVE MELQNLRSDA DHQSLEYKRL LDAKTRLEME IATYRRLLEG EDTRFSQTET QKAVTIVSKE QSSSSIKKVK TVIEEVVDGK VVSSRVEELT ETS
Specificity:	Xenopus laevis (African clawed frog)
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.

Product Details

Purity: > 90 %

Target Details

Target: pan Keratin (panKRT)

Alternative Name: Keratin, type I cytoskeletal 47 kDa (xk70a) ([panKRT Products](#))

Background: Recommended name: Keratin, type I cytoskeletal 47 kDa

UniProt: [P08778](#)

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.