Datasheet for ABIN1632613

Cytokeratin 18 Protein (AA 2-438) (His tag)

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Overview

Quantity:	1 mg
Target:	Cytokeratin 18 (KRT18)
Protein Characteristics:	AA 2-438
Origin:	Lungfish (Protopterus)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 18 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	YSAVSSRST VVSSRPLSSS RSLVVSSSYP KMSTASTTYS GVASSGSRIS STRYSTIGSA LGGAGGFGTR SSLTLSGNAV ISNEKETMQD LNDRLSNYLE TVRRLENANQ QLEIQIREAM EKRGPSVRDY SNYEKIIKEL RDQIYDTTVD NARLVLAIDN ARLAADDFRV KWEAELAIRQ SVDSDINGLR KVIDDTNLGR LQLESEIEVL KEELVFIKKN HEDEVIALRN QVNSCGVQVD LDAPKGTDLA EIMATLRAEY EAMINKNKDD AEHWYQSKVE TFQVETVQNT EALQTAKTEL SDLRRRIQSL EIELESNRSM RASLEDTLRD TELRYAMEME RLGALVSRIE AELAQVRTDM QRQAQDYEVL LNAKMKLEAE IATYRHLLGG EDSDTLSLQD ALSAMKVSNV QTVQKIVVTT QKLVDGKVVE DSTVTETK
Specificity:	Protopterus aethiopicus (Marbled lungfish)
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:	Cytokeratin 18 (KRT18)
Alternative Name:	Keratin, type I cytoskeletal 18 (krt18) (KRT18 Products)
Background:	Recommended name: Keratin, type I cytoskeletal 18. Alternative name(s): Cytokeratin-18. Short name= CK-18 Keratin-18. Short name= K18
UniProt:	Q5K2N9
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

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

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.