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Datasheet for ABIN1632084 KRT15 Protein (AA 1-441) (His tag)

Overview

Quantity:	1 mg
Target:	KRT15
Protein Characteristics:	AA 1-441
Origin:	Lungfish (Protopterus)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT15 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>LLLLGHAISTS TRGFSGNSFK SDLIPQSRRS HSYGTGPSI RISSPSVPSA IVSSYSSTLS</p> <p>SALPSSSYGG NSFSSSTSFS SGGSDLLLGT SGKEAMQNLN DRLASYLDKV RSLEGKNHEL</p> <p>ELKIKDWYSQ VIPGTGGPDA RDYGHLEKEI EDLQNKVNNC RVDTATILLH IDNAKLAADD</p> <p>FRNKYENEQS LRLGVEADIN GLKRVLELA LAKADTDMQI EGLRDELDYL KKNHEEDMKA</p> <p>ASSGIAGQVN VELDAAPGTN LLELDACRR DHEAMLDQMR REAERWYNEK AKDVKDKAGE</p> <p>AQETLVSHTS EISDLKRSIQ SLEIELQTQL ARKSSLESTL AGTESQYGMR IQEIQMKINV</p> <p>FEDQISDLRA KMEFQSQEYQ MLLDVKQRLE AEIATYRMLL DSEDSKGSII NHKILTAIEK</p> <p>LVDGIVLSTE VLEKQIPVLS Y</p>
Specificity:	Protopterus aethiopicus (Marbled lungfish)
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: KRT15

Alternative Name: Keratin, type I cytoskeletal 15 (KRT15) ([KRT15 Products](#))

Background: Recommended name: Keratin, type I cytoskeletal 15.
Alternative name(s): Cytokeratin-15.
Short name= CK-15 Keratin-15.
Short name= K15

UniProt: [Q5K2P2](#)

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

Handling

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