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Datasheet for ABIN1633177 **KRT8 Protein (AA 2-497) (His tag)**

Overview

Quantity:	1 mg
Target:	KRT8
Protein Characteristics:	AA 2-497
Origin:	Lungfish (Protopterus)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT8 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	TSYQRTVTV RSSTAPKSFT SRSYTGGRFA TKASTGPLSL GSVYGGGSGR IGATTAFSTS TSYGGGSSFS GISAGTGFPF ITNVTVNKSL LAPLNLEIDP RIGQVRLEEK EQIKTLNNQF AGFIDKVRYL EQQNKLLLETK WQLLQNQTTP SRSNLDISMFE AYISNLRRQL DTLGQEKGKL EAEHNMQGL VEDFKNKYED EINKRTDTEN EFVLIKKDVD EAYMNKVELE AKLEALTDEI NFLRQIYDEE IRELQTQIQD TSVIVQMDNN RQLDLNIIA EVRAQYEDMA KKSRAEAETY YQQKYEELSS SAGKYGDDL RNTKNEIAELT RYINRLNSDI DALKGQRANL EAAIAEAEER GEQAVKNAQA QLQELQNALT QAKQDMARQL REYQELMNVK LALDIEIATY RKLLEGEESR LASGIQAATV QVNQSSYSGV RAPILSSGFG SGSFQTSSYS SFPLETSYSS PKKSIIVKTI ESRDGKIVSE RSNIVKE
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: KRT8

Alternative Name: Keratin, type II cytoskeletal 8 (KRT8) ([KRT8 Products](#))

Background: Recommended name: Keratin, type II cytoskeletal 8.
Alternative name(s): Cytokeratin-8.
Short name= CK-8 Keratin-8.
Short name= K8

UniProt: [Q5K2N3](#)

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.