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Datasheet for ABIN1646083

Keratin 25 Protein (KRT25) (AA 1-450) (His tag)

Overview

Quantity:	1 mg
Target:	Keratin 25 (KRT25)
Protein Characteristics:	AA 1-450
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 25 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSLRLPDGSR RAGPRPTTGS LRLSGAGASF GAGNACSMPG IGSSFSCAFG SSSSGGNALG GNPCAGFTMN EGGLLSGNEK VTMQNLNDRL ASYLENVRAL EEANADLEQK IKGWYEKFGP GSCRGLDHDY SRYLPIIEDL KNQIIASTTS NANAVLQIDN ARLTADVFR L KYENELALHQ SVESDVNGLR RVLDVITLCR TDLEIQYETL SEELTYLKKN HKEEMQVLQC AAGGNVNVEM NAAPGVDLTV LLNNMRAEYE ALAEQNRDA EAWFNEKSAS LQQQITEDVG ATTSARNELT EMKRNLTLE IELQSLATK HSLECSLTET EGNCAQLAQ VQAQIGALEE QLHQVRTETE GQKLEYEQLL DIKVHLEKEI ETYCLLIGGD DGACKSGGYK SKDYAAGNMG NQMKDPIRAI VVKVLEEVD QRSKVLTRL HSLEEKSSQN
Specificity:	Ovis aries (Sheep)
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: Keratin 25 (KRT25)

Alternative Name: Keratin, type I cytoskeletal 25 (KRT25) ([KRT25 Products](#))

Background: Recommended name: Keratin, type I cytoskeletal 25.
Alternative name(s): Cytokeratin-25.
Short name= CK-25 Keratin-25.
Short name= K25 Type I inner root sheath-specific keratin-K25irs1 Type I keratin intermediate filament IRSa1

UniProt: [Q9BGM5](#)

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.