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## Datasheet for ABIN1621421 KRT12 Protein (AA 1-411) (His tag)



Overview	
Quantity:	1 mg
Target:	KRT12
Protein Characteristics:	AA 1-411
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT12 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	DHDYEFPGIQ AFAGLGMGFG GSPGGGSLYL PSGNDGGLLS GSEKETMQNL NDRLASYLDK
	VRALEDANAE LENKIREWYE ARGHGHGDCG PQHDYSKYHP LIEDLRNKII SASIGNAQLI
	LQIDNARLAA DDFRMKFENE AALRQTVEAD INGLRRVLDE LTLARADLEA QIESLTEELA
	YMKKNHEEEL QSCRAGGPGE VSVEMDAAPG VDLTRLLNDM RAQYEAIAEQ NRKDAEAWFI
	EKSGELRKEI STNTEQLQSS KSEVTDLRRA LQNLEIELQS QLAMKKSLED SLAETEGDYC
	GQLSQVQQLV GDLEAQLQQV RSDTERQNMD YQRLLNVKAR LELEIETYRR LLDGEAQGDG
	LDESSAMTGS RSQAQSIDSS KDPSKTRKIK TIVQEVVNGE VVSSQVQEIQ N
Specificity:	Oryctolagus cuniculus (Rabbit)
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.
Purity:	> 90 %

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## Target Details

Target:	KRT12
Alternative Name:	Keratin, type I cytoskeletal 12 (KRT12) (KRT12 Products)
Background:	Recommended name: Keratin, type I cytoskeletal 12.
	Alternative name(s): Cytokeratin-12.
	Short name= CK-12 Keratin-12.
	Short name= K12
UniProt:	Q28706

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

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