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Datasheet for ABIN1675609

Keratin 10 Protein (KRT10) (AA 1-526) (His tag)

Overview

Quantity:	1 mg
Target:	Keratin 10 (KRT10)
Protein Characteristics:	AA 1-526
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 10 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSVRFSSNSR QYSSARSGGG GGGGGGGSSI RVSSTKSSLG GGYSSGGFSG GSFSRGSSSG GCFGGSSGGY GGFGGGSFSG GYGGGSFSGG YGGGSFSGGY GGSFSGGGY GGSFSGGSFG GGSFSGGSFG GGLGGDGGGL LSGNEKVTMQ NLNDRLASYM NKVRDLEESN YELEGKIKEW YEKHGNSSQR EPRDYSKYYK TIEDLKGQIV NLTTDNANVL LQIDNARLAA DDFRLKYENE VALRQSVEAD INGLRRVLDE LTLKADLEM QIESLTEELA YLKNHEEEM KDLQNVSTGD VNVMNAAPG VDLTQLLNNM RNQYEQLAEK NRKDAEAWFN EKSKELTTEI DSNIEQMSSH KSEITELRRT VQGLEIELQS QLALKQSLEA SLAETEGRYC VQLSQIQSQI SALEEQQLQI RAETECQNAE YQQLLDIKTR LENEIQTYRS LLEGEGGYVG NLQITLNCFP SEFHLAKLTQ TQGKTRGWKG SNTNKTRVIK TIIIEVTPPEG RVLSSMIESE TKKHFY</p>
Specificity:	Rattus norvegicus (Rat)
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 10 (KRT10)

Alternative Name: Keratin, type I cytoskeletal 10 (Krt10) ([KRT10 Products](#))

Background: Recommended name: Keratin, type I cytoskeletal 10.

Alternative name(s): Cytokeratin-10.

Short name= CK-10 Keratin-10.

Short name= K10 Type I keratin Ka10

UniProt: [Q6IFW6](#)

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.