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Datasheet for ABIN1674204

Cytokeratin 1 Protein (AA 2-625) (His tag)

Overview

Quantity:	1 mg
Target:	Cytokeratin 1 (KRT1)
Protein Characteristics:	AA 2-625
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>SFQCSSRSL CRSGGGGGGR NFSSGSAGLV SFQRRSTSSS MRRSGGGGGG RFSGGGGFCGS</p> <p>SGGGFGSKSL VNLGGGRSIS ISVAGGGSSY GGGFGGGSYG GGSFGGGSFG GGVGGGFGGG</p> <p>GFGGGGFGSG GFGGGGRFSG GFGPVCPPGG IQEVTINQSL LQPLNVEVDP QIQKVKSQER</p> <p>EQIKSLNDKF ASFIDKVRFL EQQNQLQTK WELLQQVDTST TRTQNLDPFF ESYISNLRRQ</p> <p>VDSLKNDQSR MDSELKNMQD LVEEYRTKYE DEINKRTNAE NEFVTIKKDV DSAYMNKAEL</p> <p>QARVDNLQQD IDFFSTLYQM ELSQMQTQIS ETNVVLSMDN NRTLDLDGII AEVKAQYDSI</p> <p>CQRSKAEAET FYQSKYEELQ ITAGKHGDSV KNTKMEISEL NRVIQRLRSE IDSVKKQISQ</p> <p>MQQNISDAEQ RGEKALKDAQ NKLNEIEDAL TQAKEELTRL LRDYQELMNT KLALDMEIAT</p> <p>YRKLLGEEI RMSGECTPNV SVSVSTSHTS MSGTSSRGGG RYSGGGGGGG GTYGGGSRGG</p> <p>SYGGGSGGGG YGGCSSGGGS GGSYGGGSS GGHRRGGSGG GGSSGGSYGG SSGGGRRGGSS</p> <p>SGGGVKSSGS SSVKFVSTTY SRGTN</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	Cytokeratin 1 (KRT1)
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Alternative Name:	Keratin, type II cytoskeletal 1 (Krt1) (KRT1 Products)
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Background:	<p>Recommended name: Keratin, type II cytoskeletal 1.</p> <p>Alternative name(s): Cytokeratin-1.</p> <p>Short name= CK-1 Keratin-1.</p> <p>Short name= K1 Type-II keratin Kb1</p>
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UniProt:	Q6IMF3
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Application Details

Comment:	<p>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.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Handling

Storage: -20 °C

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