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Datasheet for ABIN1622513 KLKB1 Protein (AA 20-391) (His tag)

Overview

Quantity:	1 mg
Target:	KLKB1
Protein Characteristics:	AA 20-391
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLKB1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	G CLTQLYHNIF FRGGDVSAMY TPDAQYCQLM CTFHPRCLLF SFLPENSTSD ADKRFGCFLK DSVTGTLPRV SRTGAISGHS LKRCGHQISA CHRSIYKGID MRGVNFNASK VRSACECQER CTNNIHCQFF TYATKTFESA EYRNTCLLKR SPQGTPTRIK VLSDVESGFS LKACGNSKIG CRVDIFQHSA FSDVDVAGII APDAFVCRTI CTYHPSCLFF TFYTNWTKTD SQRNVCFLKT SQSGSPSSPT PQENASIGYS LLTCKQTLPG TEPCHSKIYP QVAFEGEELH VTFVKGVDGC QETCTKMIRC QFFTYSLFPE DCRGEKCKCS LRLSLDGSPT NITYGTQASS GYSLRLCKRG DSRVCTTKRT R
Specificity:	Bos taurus (Bovine)
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.
Purity:	> 90 %

Target Details

Target:	KLKB1
Alternative Name:	Plasma kallikrein (KLKB1) (KLKB1 Products)
Background:	<p>Recommended name: Plasma kallikrein.</p> <p>EC= 3.4.21.34.</p> <p>Alternative name(s): Fletcher factor Kininogenin Plasma prekallikrein Cleaved into the following 2 chains: 1.</p> <p>Plasma kallikrein heavy chain 2.</p> <p>Plasma kallikrein light chain</p>
UniProt:	Q2KJ63
Pathways:	Complement System , Brown Fat Cell Differentiation

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>
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.