

Datasheet for ABIN7587483
KNOP1 Protein (AA 1-452) (His tag)



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Overview

Quantity:	100 µg
Target:	KNOP1
Protein Characteristics:	AA 1-452
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KNOP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MITKAHKGEV GLGLPEK KKK KKKVVKEPKT QYSLNSDNY FAEVCPRATP PLKGVIQEQA PRMPLVKKKK KKKGHSTICE EHLEPEITLR AGRTERSHSP RTQALGLSKS LSAEKRKSMS PGSRVKTSPD PRQDEEVTRV GKKLKKHKKE KKAKEATAFS GRDPWFCEAG NTVYTHSVGK DGVREQAALG QKQKQGSPRE HSKVMKKKKK IHWEGDPPLG HPECSWSLES SPTKGSKKKP VRVEAPEYIP IGDGSRASVK KKVSKKRVE QADTEEPALK RKKKKKKRQQ SEVAEEPWEE EPDTDLEVVL EKKGNMDEAH IDQVRRKALQ EEIDRESGKT EAYDTKKWTG TQFGQWDTAG FENEEQKLKF LKLMGGFKNL PPSFSRPSPT VARPSMALSK KAADTLQRNL QQDYDRALSW KYSRGAGLGF STAPAKVFIYI DRNASKSIKF ED
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.

Product Details

Purity: > 90 %

Target Details

Target: KNOP1

Alternative Name: Protein C16orf88 homolog (TSG118) ([KNOP1 Products](#))

Background: Recommended name: Protein C16orf88 homolog.
Alternative name(s): Testis-specific gene 118 protein

UniProt: [A5D7J3](#)

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 modiflicated 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.