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Datasheet for ABIN1460327

## APLF Protein (AA 1-485) (His tag)

### Overview

Quantity:	1 mg
Target:	APLF
Protein Characteristics:	AA 1-485
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This APLF protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSGGFELQPQ DGGPRVALAP GETVIGRGPL LGLHRNPCYY QSSEKSQLLP LKTNIWCWLN PGDHFSLLDV KYIFCVLSTH SEMEMECTLR NSQMLDEDDI LNEIPKSSSA DLPDKTPSAP RRERSTETAK PQAAANNMSF IGESRDLSKQ QPNPSEKRI LPAWMLTENS SDQNLSVISG GNNVTWESEK ERVCKDKTQV NITQPGKKRL ISSGSSESTS AKQDTGKKCK NDDQEESIIS SKEMPQSFS AMLHNTEIDN TKTNPQRSKV PVEALGKVSE HKIITKGSSN EDSTARSCSE SYSSTQSKSF CDKPQKSHPE PSSNPPSPEC VQAKATDSVP NGSEENKVQR TSCMYGANCY RKNPVHFQHF SHPGDSYGG VNITCQDEAD DRPECPYGAS CYRKNPQHKI EYRHSTFPVR SISDEDDNVG QPNEYNLNDS FIDDEEEYE PTDESDWEP EKEDLEKEDM EGLLKEAKKF MKRKK
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

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Purity: > 90 %

## Target Details

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Target: APLF

Alternative Name: Aprataxin and PNK-like factor (APLF) ([APLF Products](#))

Background: Recommended name: Aprataxin and PNK-like factor.  
EC= 4.2.99.18.  
Alternative name(s): Apurinic-apyrimidinic endonuclease APLF

UniProt: [A0JNH9](#)

Pathways: [DNA Damage Repair](#)

## Application Details

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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

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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

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