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Datasheet for ABIN1662059  
**LTV1 Protein (AA 2-463) (His tag)**

### Overview

Quantity:	1 mg
Target:	LTV1
Protein Characteristics:	AA 2-463
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTV1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	SKKFSSKNS QRYVVVHRPH DDPSFYDTDA SAHVLVPVSN PNKTSPEADL RKKDVSSTKP KGRRAHVGEA ALYGINFDDS EYDYTQHLKP IGLDPENSIF IASKGNEQKV EKKNIEDLFI EPKYRRDEIE KDDALPVFQR GMAKPEYLLH QQDTTDEIRG FKPDMPALR EVLEALEDEA YVNDVVVE DISKKTQLQG DNYGEEEEKED DIFAQLLGSG EAKDEDEFED EFDEWDIDNV ENFEDENYVK EMAQFDNIEN LEDLENIDYQ ADVRRFQKDN SILEKHNSDD EFSNAGLDSV NPSEEDVLG ELPSIQDKSK TGKKRKRSRQ KKGAMSDVSG FSMSSSAIAR TETMTVLDDQ YDQIINGYEN YEEEELEDEE QNYQPFDMSE ERSDFESMLD DFLDNYELES GGRKLAKKDK EIERLKEAAD EVSKGKLSQR RNRERQEKKK LEKVTNTLSS LKF
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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: LTV1

Alternative Name: Protein LTV1 (LTV1) ([LTV1 Products](#))

Background: Recommended name: Protein LTV1.  
Alternative name(s): Low-temperature viability protein 1

UniProt: [P34078](#)

## 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 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

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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

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