



[Go to Product page](#)

Datasheet for ABIN1660382  
**LUXE Protein (AA 1-378) (His tag)**

### Overview

Quantity:	1 mg
Target:	LUXE
Protein Characteristics:	AA 1-378
Origin:	Vibrio harveyi
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LUXE protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MDVLSAVKQE NIAASTEIDD LIFMGTPQQW SLQEQQLTS RLVKGAYQYH YHNNDYRQF CERLGVGEV EDLNDIPVFP TSIFKCLKLL TLDDDEVENR FTSSGTSIGK SIVARDRLSI ERLLGSVNFG MNYVGDWFDH QMELVNLGPD RFNANNIWFK YVMSLVELLY PTAFTVTEDE IDFEATLANM NRIKQSGKTI CLIGPPYFIY LLCCFMREQG QTFNGGRDLY IITGGGWKKH QDQSLDRDEF NQLLCETFTL ESPEQIRDTF NQEELNTCFF EDTEHKNQVP PWVFARALDP KTLKPLPHGQ SGLMSYMDAS AVSYPCFLVT DDIGIVREEE GDRPGTTVEI VRRVKTRGMK GCALSMSQAF TAKNDGGN
Specificity:	Vibrio harveyi (Beneckea harveyi)
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

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Target:	LUXE
Abstract:	<a href="#">LUXE Products</a>
Background:	Recommended name: Long-chain-fatty-acid-luciferin-component ligase. EC= 6.2.1.19. Alternative name(s): Acyl-protein synthetase
UniProt:	<a href="#">P14286</a>

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