

[Go to Product page](#)

Datasheet for ABIN1630231

**Kallikrein 11 Protein (KLK11) (AA 46-268) (His tag)**

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | Kallikrein 11 (KLK11)                                |
| Protein Characteristics:      | AA 46-268  |
| Origin:                       | Streptomyces glaucescens                             |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant  |
| Purification tag / Conjugate: | This Kallikrein 11 protein is labelled with His tag. |
| Application:                  | ELISA  |

## Product Details

|                  |  |
|------------------|--|
| Sequence:        | VIGGK PAAQNEFPFM VHLSMGC GGA LYKKDIVLTA AHCM DGS GNN TRITV TAGVA<br>DLNSSGAIKV KSTKVKVAPG YDGVGKDWAL IKLAKPIDRP TLKIATTAKY NRGTF TIAGW<br>GDVREGAGTG TTKLQKANVP FVSDRACKWH YGNRLVPKQE LCAGYASGGI DTCQGDSSGGP<br>MFRKDDAGKW IQVGIVSWGD GCARSGVPGV YTEVSTFAKD IAKAASAL |
| Specificity:     | Streptomyces glaucescens   |
| 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: | Kallikrein 11 (KLK11) |
|---------|-----------------------|

## Target Details

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Alternative Name: Trypsin-like protease ([KLK11 Products](#))

Background: Recommended name: Trypsin-like protease.  
EC= 3.4.21.-

UniProt: [Q54179](#)

Pathways: [Complement System](#)

## 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.