

Datasheet for ABIN1622776

**FCN1 Protein (AA 30-326) (His tag)**[Go to Product page](#)

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | FCN1  |
| Protein Characteristics:      | AA 30-326                                   |
| Origin:                       | Pig   |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This FCN1 protein is labelled with His tag. |
| Application:                  | ELISA                                       |

## Product Details

|                  |   |
|------------------|---|
| Sequence:        | A DTCPEVKVVG LEGSDKLSIL RGCPGLPGAA GPKGEAGANG PKGERGSPGV VGKAGPAGPK<br>GDRGEKGARG EKGEPPQLQS CATGPRTCKE LLTRGHFLSG WHTIYLPDCQ PLTVLCDMDT<br>DGGGWTVFQR RSDGSVDFYR DWAAYKRGFG SQLGEFWLGN DHIHALTAQG TSELRVDLVD<br>FEGNHQFAKY RSFQVAGEAE KYKLVLGGFL EGNAGDSLSS HRDQFFSTKD QDNDNHSGNC<br>AEQYHGAWWY NACHSSNLNG RYLRGLHTSY ANGVNWRSGR GYNYSYQVSE MKVRLT |
| Specificity:     | Sus scrofa (Pig)  |
| 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:           | FCN1   |
| Alternative Name: | Ficolin-1 (FCN1) ( <a href="#">FCN1 Products</a> )                           |
| Background:       | Recommended name: Ficolin-1.<br>Alternative name(s): Ficolin-A Ficolin-alpha |
| UniProt:          | <a href="#">Q29042</a>   |
| Pathways:         | <a href="#">Complement System</a>  |

## 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 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

|                  |   |
|------------------|---|
| 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.                                |