

Datasheet for ABIN7586518

## Vimentin Protein (VIM) (AA 2-466) (His tag)



[Go to Product page](#)

### Overview

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Quantity:                     | 100 µg                                          |
| Target:                       | Vimentin (VIM)                                  |
| Protein Characteristics:      | AA 2-466                                        |
| Origin:                       | Rat                                             |
| Source:                       | Yeast                                           |
| Protein Type:                 | Recombinant                                     |
| Purification tag / Conjugate: | This Vimentin protein is labelled with His tag. |
| Application:                  | ELISA                                           |

### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | <p>STRSVSSSS YRRMFGGSGT SSRPSSNRSY VTTSTRTYSL GSALRPSTSR SLYSSSPGGA</p> <p>YVTRSSAVRL RSSMPGVRLL QDSVDFSLAD AINTEFKNTR TNEKVELQEL NDRFANYIDK</p> <p>VRFLEQQNKI LLAELEQLKG QGKSRLGDLY EEEMRELRRQ VDQLTNDKAR VEVERDNLAE</p> <p>DIMRLREKLQ EEMPLQREEAE STLQSFRQDV DNASLARLDL ERKVESLQEE IAFLKKLHDE</p> <p>EIQELQAQIQ EQHVQIDVDV SKPDLTAALR DVRQQYESVA AKNLQEAEW YKSKFADLSE</p> <p>AANRNNDALR QAKQESNEYR RQVQSLTCEV DALKGTNESL ERQMREMEEN FALEAANYQD</p> <p>TIGRLQDEIQ NMKEEMARHL REYQDLLNVK MALDIEIATY RKLLEGEESR ISLPLPNFSS</p> <p>LNLRETNLES LPLVDTHSKR TLLIKTVETR DGQVINETSQ HHDDLE</p> |
| Specificity:     | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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

---

Purity: > 90 %

## Target Details

---

Target: Vimentin (VIM)

Abstract: [VIM Products](#)

Background: Recommended name: Vimentin

UniProt: [P31000](#)

Pathways: [Caspase Cascade in Apoptosis](#)

## 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.