

# Recombinant Human VIM protein, His-tagged

**Cat. No.** VIM-3160H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human VIM protein(1-466 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-466 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MSTRSVSSSSYRRMFGGPGTASRPSSSRSYVTTSTRTYSLGSAIRPSTSRSLYASS<br>PGGVYATRSSAVRLRSSVPGVRLQLQDSVDFSLADAINTEFKNTRTNEKVELQELNDR<br>FANYIDKVRFLQEQNKILLAELEQLKGQGSRLGDLYEEMRELRRQVDQLTNDKAR<br>VEVERDNLAEDIMRLREKLQEEMLRQEEAENTLQSFRQVDVDNASLARLDLERKVES<br>LQEEIAFLKKLHEEEIQELQAQIQEQHVQIDVDVSKPDLTAALRDVRQQYESVAAKNL<br>QEAEWYKSKFADLSEAANRNNDALRQAKQESTEYRRQVQSLTCEVDALKGTNES<br>LERQMREMEENFAVEAANYQDTIGRLQDEIQNMKEEMARHLREYQDLLNVKMALDI<br>EIATYRKLLGEEESRISLPLPNFSSLNLRETNLDSLPLVDTHSKRTLLIKTVETRDGQVI<br>NETSQHHDDLE |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage**

Short-term storage: Store at 2-8°C for (1-2 weeks).  
 Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.  
 Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** VIM vimentin [ Homo sapiens ]

**Official Symbol** VIM

**Synonyms** VIM; vimentin; FLJ36605;

**Gene ID** 7431

**mRNA Refseq** NM\_003380

**Protein Refseq** NP\_003371

**UniProt ID** P08670

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