

## Recombinant Mouse Vim protein, His-tagged

Cat. No. Vim-251M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Vim(NP_035831.2)(Ser2~Glu466) fused with His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser2~Glu466
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	52kDa as determined by SDS-PAGE reducing conditions.
<b>AA Sequence</b>	<p>STRSVSSSSYRRMFGGSGTSSRPSSNRSYVTTSTRTYSLGSALRPSTSRSLYSSSP  GGAYVTRSSAVRLRSSVPGVRLQLQDSVDFSLADAINTEFKNTRTNEKVELQELNDRF  ANYIDKVRFLEQQNKILLAELEQLKGQGKSRLGDLYEEEMRELRRQVDQLTNDKARV  EVERDNLAEDIMRLREKLQEEMLQREEAESTLQSFQDVDNASLARLDLERKVESL  QEEIAFLKKLHDEEIQELQAQIQEQHVQIDVDVSKPDLTAALRDVRQQYESVAAKNLQ  EAEWYKSKFADLSEAANRNNDALRQAKQESNEYRRQVQSLTCEVDALKGTNESL  ERQMREMEENFALEAANYQDTIGRLQDEIQNMKEEMARHLREYQDLLNVKMALDIEI  ATYRKLLLEGEEISRISLPLPTFSSLNLRETNLESPLVDTHSKRTLLIKTVETRDGQVIN  ETSQHDDLE</p>
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)

 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

<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
<b>Notes</b>	The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Concentration</b>	200g/mL
<b>Reconstitution</b>	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	Vim vimentin [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Vim
<b>Gene ID</b>	22352
<b>mRNA Refseq</b>	NM_011701.4

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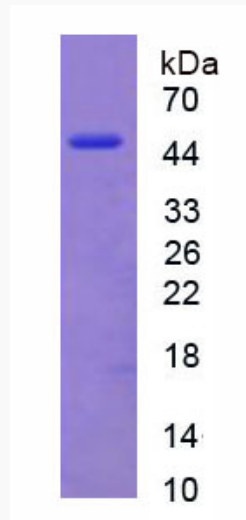
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Protein Refseq NP\_035831.2

UniProt ID P20152

SDS-PAGE of Vim-  
251M



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