

Recombinant Mouse Vim protein, His-tagged

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

SPECIFICATION

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

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Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Notes	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.
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

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

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UniProt ID P20152

SDS-PAGE of Vim-
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