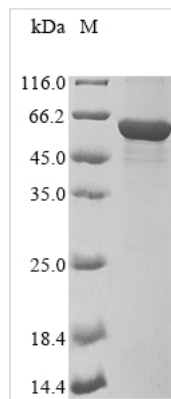




# Recombinant Mouse Vimentin (Vim)

<b>Product Code</b>	CSB-EP025857MO
<b>Abbreviation</b>	Recombinant Mouse Vim protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P20152
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	STRSVSSSSYRRMFGGSGTSSRPSSNRSYVTTSTRTYSLGSALRPSTSRSLY SSSPGGAYVTRSSAVRLRSSVPGVRLQLQDSVDFSLADAINTEFKNTRTNEKVE LQELNDRFANYIDKVRFLQEQNKILLAELEQLKGQGSRLGDLYEEEMRELRR QVDQLTNDKARVEVERDNLAEDIMRLREKLQEEMLQREEAESTLQSFRQDVD NASLARLDLERKVESLQEEIAFLKKLHDEEIQELQAQIQEQHVQIDVDVSKPDLT AALRDVRQQYESVAAKNLQEAEEWYKSKFADLSEAANRNNDALRQAKQESN EYRRQVQSLTCEVDALKGTNESLERQMREMEENFALEAANYQDTIGRLQDEI QNMKEEMARHLREYQDLLNVKMALDIEIATYRKLLERGEESRISLPLPTFSSLNL RETNLESPLVDTHSKRTLLIKTVETRDGQVINETSQHDDLE
<b>Research Area</b>	Cancer
<b>Source</b>	E.coli
<b>Target Names</b>	Vim
<b>Protein Names</b>	Recommended name: Vimentin
<b>Expression Region</b>	2-466aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	61.0 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

Just like other recombinant proteins, the production of this recombinant Mouse Vim protein began with appropriate cDNA and PCR methods, and then the Vim expression plasmids were built. Following sequence determination of the constructs, plasmids were transformed into E.coli for the expression of the recombinant Mouse Vim protein. N-terminal 10xHis tag & C-terminal Myc tag was used in the process. And we finally get the protein of interest with purity of 85%+.

Vim is a gene encoding a protein named vimentin in mouse. Other specieses, such as human, also have vimentin protein. It has been reported that vimentin, a cytoskeleton filament that is expressed only in mesenchymal cells after birth. It is re-expressed in epithelial cells in vivo under pathological conditions and in vitro in primary culture. This protein is involved in many biological processes, such as astrocyte development, regulation of mRNA stability, regulation of mRNA stability, etc. Recombinant vim A can be used to researching the interaction of proteins, such as plectin and vim.

## Shelf Life

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