

## Recombinant Human VIM Protein, MYC/DDK-tagged

**Cat. No.** VIM-368H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human VIM protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the intermediate filament family. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract.[provided by RefSeq, Jun 2009].
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	53.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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## GENE INFORMATION

**Gene Name** vimentin [ Homo sapiens ]

**Official Symbol** VIM

**Synonyms** CTRCT30; HEL113

**Gene ID** 7431

**mRNA Refseq** NM\_003380.3

**Protein Refseq** NP\_003371.2

**UniProt ID** P08670

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