

## Vimentin, Human Recombinant

<b>CATALOG #:</b>	P1012-50	50 µg
	P1012-250	250 µg
<b>ALTERNATE NAMES:</b>	VIM	
<b>SOURCE:</b>	<i>E. Coli</i>	
<b>SEQUENCE:</b>	Full length of human Vimentin with a 6-residue C-terminal His-Tag	
<b>MOLECULAR WEIGHT:</b>	54.3 kDa	
<b>PURITY:</b>	≥ 95% determined by SDS-PAGE and HPLC analyses	
<b>FORM:</b>	Lyophilized from ddH <sub>2</sub> O without any additives Endotoxin level is < 1 EU/µg	

**RECONSTITUTION:** Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 0.1-1.0 mg/ml. Do not vortex. Additional carrier protein (example 0.1% BSA) is recommended for long term storage.

**STORAGE CONDITIONS:** Lyophilized protein is stable at -80°C for 12 months. Reconstituted proteins can store at 4°C for one week or at -80°C for 3 months. Avoid repeated freezing and thawing cycles.

**DESCRIPTION:** Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2.

### RELATED PRODUCTS:

- Vimentin Antibody (Cat. No. 3634-100)
- Vimentin Antibody (CT) (Cat. No. 6771-100)
- Vimentin Blocking Peptide (Cat. No. 3634BP-50)

**FOR RESEARCH USE ONLY! Not to be used in humans.**