

Recombinant Human Citrullinated VIM Protein

Cat. No. VIM-21H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Citrullinated VIM Protein (2-466 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-466 aa
Description	This gene encodes a type III intermediate filament protein. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The encoded protein is responsible for maintaining cell shape and integrity of the cytoplasm, and stabilizing cytoskeletal interactions. This protein is involved in neuritogenesis and cholesterol transport and functions as an organizer of a number of other critical proteins involved in cell attachment, migration, and signaling. Bacterial and viral pathogens have been shown to attach to this protein on the host cell surface. Mutations in this gene are associated with congenital cataracts in human patients.
Molecular Mass	53.5 kDa
Purity	≥55% estimated by SDS-PAGE
Stability	≥ 1 year
Storage	At -80 centigrade

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Storage Buffer 10 mM Tris, pH 8.0

GENE INFORMATION

Gene Name VIM vimentin [Homo sapiens (human)]

Official Symbol VIM

Synonyms VIM; vimentin; FLJ36605;

Gene ID 7431

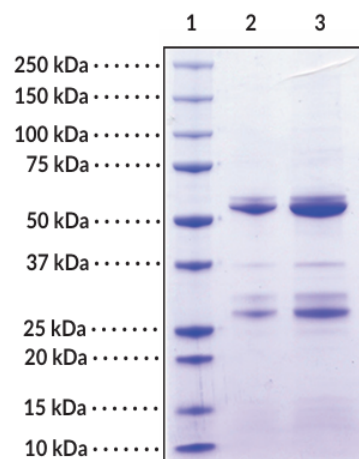
mRNA Refseq NM_003380

Protein Refseq NP_003371

MIM 193060

UniProt ID P08670

SDS-PAGE



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