

Vimentin Recombinant Protein | VIM recombinant protein

Vimentin protein

CATALOG # AAA75338	HOST Human
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PRODUCT SYNONYMS

Vimentin; Vimentin protein; VIM recombinant protein

PRODUCT SPECIFICATIONS

Host	Human
Form/Format	Lyophilized. 250 ug - reconstitute with 175 ul distilled water (final volume 250 ul), or 100ug - reconstitute with 70 ul distilled water (final volume 100 ul). Final solution: 30 mM Tris/HCl pH 8, 9.5 M urea, 2 mM DTT, 2 mM EDTA, 10 mM methylammonium chlo
Concentration	100ug, lyophilized (varies by lot)
Sequence Length	466
Protein Type	Recombinant
Biological Significance	Vimentin is a member of the intermediate filament family of proteins that is especially found in connective tissue. Intermediate filaments are an important structural feature of eukaryotic cells. They, along with microtubules and actin microfilaments, make up the cytoskeleton. Although most intermediate filaments are stable structures, in fibroblasts, vimentin exists as a dynamic structure. This filament is used as a marker for mesodermally derived tissues, and as such can be used as an immunohistochemical marker for sarcomas.
Expression System	E Coli
Preparation and Storage	Store at 4 degree C until reconstitution. Following reconstitution aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for VIM recombinant protein	Purified recombinant Human Vimentin protein
Product Categories/Family for VIM recombinant protein	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	62414289
NCBI GeneID	7431
NCBI Accession #	NP_003371.2
NCBI GenBank Nucleotide #	NM_003380.3
UniProt Accession #	P08670; Q15867; Q15868; Q15869; Q548L2; Q6LER9; Q8N850; Q96ML2; Q9NTM3; B0YJC2; D3DRU4
Molecular Weight	53,652 Da
NCBI Official Full Name	vimentin
NCBI Official Synonym Full Names	vimentin

NCBI Official Symbol	VIM
NCBI Official Synonym Symbols	HEL113; CTRCT30
NCBI Protein Information	vimentin
UniProt Protein Name	Vimentin
UniProt Gene Name	VIM
UniProt Entry Name	VIME_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/vim-recombinant-protein-human/75338>