Vimentin Human Recombinant

Item Number	rAP-5063
Synonyms	Vimentin, Vim, FLJ36605.
Description	Vimentin Human Recombinant produced in E.coli cells is a single non-glycosylated protein containing 465 amino acids chain and having a molecular mass of 53.5kDa. The Vimentin is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P08670
Amino Acid Sequence	STRSVSSSSY RRMFGGPGTA SRPSSSRSYV TTSTRTYSLG SALRPSTSRS LYASSPGGVY ATRSSAVRLR SSVPGVRLLQ DSVDFSLADA INTEFKNTRT NEKVELQELN DRFANYIDKV RFLEQQNKIL LAELEQLKGQ GKSRLGDLYE EEMRELRRQV DQLTNDKARV EVERDNLAED IMRLREKLQE EMLQREEAEN TLQSFRQDVD NASLARLDLE RKVESLQEEI AFLKKLHEEE IQELQAQIQE QHVQIDVDVS KPDLTAALRD VRQQYESVAA KNLQEAEEWY KSKFADLSEA ANRNNDALRQ AKQESTEYRR QVQSLTCEVD ALKGTNESLE RQMREMEENF AVEAANYQDT IGRLQDEIQN MKEEMARHLR
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Vimentin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Vimentin should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	The Vimentin was lyophilized from a 0.2µm filtered concentrated solution in 30% Acetonitrile and 0.1% TFA. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Vimentin in sterile 4mM HCl not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only