

Recombinant Human Vimentin

Information

Gene ID	7431
Accession #	P08670
Alternate Names	
Source	Escherichia coli.
M.Wt	Approximately 53.5 kDa, a single non-glycosylated polypeptide chain containing 465 amino acids.
AA Sequence	STRSVSSSSY RRMFGGPGTA SRPSSRSYV TTSTRYSLG SALRPSTSRSLYASSPGGVY ATRSSAVRLR SSVPGVRLQ DSVDFSLADA INTEFKNTRTNEKVELQELN DRFANYIDKV RFLEQQNKIL LAELEQLKGQ GKSRLGDLYEEEMRELRRQV DQLTNDKARV EVERDNLAED IMRLREKLQE EMLQREEAEN TLQSFRQDVD NASLARLDLE RKVESLQEEI AFLKKLHEEE IQELQAQIQEQHVQIDVDVS KPDLTAAALRD VRQQYESVAA KNLQEAEEWY KSKFADLSEANRNNDALRQ AKQESTEYRR QVQSLTCEVD ALKGTNESLERQMREMEENF AVEAANYQDT IGRLQDEIQN MKEEMARHLR EYQDLLNVKMALDIEIATYR KLEGEESRI SLPLPNFSSL NLRETNLDSL PLVDTHSKRTLLIKTVETRD GQVINETSQH HDDLE
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles - 12 months from date of receipt, -20 to -70 °C as supplied - 1 month, 2 to 8 °C under sterile conditions after reconstitution - 3 months, -20 to -70 °C under sterile conditions after reconstitution
Formulation	Lyophilized from a 0.2 µm filtered solution in 30 % Acetonitrile and 0.1 % TFA.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 4 mM HCl to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Biological Activity	Data not available.
Shipping Condition	Gel pack.
Handling	Centrifuge the vial prior to opening.
Usage	For Research Use Only! Not to be used in humans.

Components and Storage

Components	100µg	500µg

Recombinant Human Vimentin

100µg

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- 12 months from date of receipt, -20 to -70 °C as supplied
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 3 months, -20 to -70 °C under sterile conditions after reconstitution

Quality Control

Purity

> 95 % by SDS-PAGE and HPLC analyses.

Endotoxin

Less than 0.1 EU/µg of rHuVimentin as determined by LAL method.

Description

Reference

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