

Product Datasheet

Recombinant Human Vimentin Protein NBP2-35139-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-35139

Updated 1/25/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-35139



NBP2-35139-100ug

Recombinant Human Vimentin Protein

Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in 4 mM HCl to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered solution in 30% Acetonitrile and 0.1 % TFA.
Target Molecular Weight	53.5 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 465 amino acids corresponding to Vimentin Source: <i>E. coli</i></p> <p>Uniprot ID: P08670</p> <p>Amino Acid Sequence: STRSVSSSSY RRMFGGPGTA SRPSSSRSYV TTSTRTYSLG SALRPSTSR S LYASSPGGVY ATRSSAVRLR SSVPGVRL LQ DSVDFSLADA INTEFKNTRT NEKVELQELN DRFANYIDKV RFLEQQNKIL LAELEQLKGQ GKSRLGDLYE EEMRELRRQV DQLTNDKARV EVERDNLAED IMRLREKLQE EMLQREEAEN TLQSFRQDVD NASLARLDLE RKVESLQEEI AFLKKLHEEE IQELQAQIQE QHVQIDVDVS KPDLTAALRD VRQQYESVAA KNLQEAEWY KSKFADLSEA ANRNNDALRQ AKQESTEYRR QVQSLTCEVD ALKGTNESLE RQMREMEENF AVEAANYQDT IGRLQDEIQN MKEEMARHLR EYQDLLNVKM ALDIEIATYR KLEGEESRI SLPLPNFSSL NLRETNLDSL PLVDTHSKRT LLIKTVETRD GQVINETSQH HDDLE</p> <p>A single non-glycosylated polypeptide chain containing 465 amino acids corresponding to Vimentin Source: <i>E. coli</i></p> <p>Uniprot ID: P08670</p> <p>Amino Acid Sequence: STRSVSSSSY RRMFGGPGTA SRPSSSRSYV TTSTRTYSLG SALRPSTSR S LYASSPGGVY ATRSSAVRLR SSVPGVRL LQ DSVDFSLADA INTEFKNTRT NEKVELQELN DRFANYIDKV RFLEQQNKIL LAELEQLKGQ GKSRLGDLYE EEMRELRRQV DQLTNDKARV EVERDNLAED IMRLREKLQE EMLQREEAEN TLQSFRQDVD NASLARLDLE RKVESLQEEI AFLKKLHEEE IQELQAQIQE QHVQIDVDVS KPDLTAALRD VRQQYESVAA KNLQEAEWY KSKFADLSEA ANRNNDALRQ AKQESTEYRR QVQSLTCEVD ALKGTNESLE RQMREMEENF AVEAANYQDT IGRLQDEIQN MKEEMARHLR EYQDLLNVKM ALDIEIATYR KLEGEESRI SLPLPNFSSL NLRETNLDSL PLVDTHSKRT LLIKTVETRD GQVINETSQH HDDLE</p>
Gene ID	7431
Gene Symbol	VIM
Species	Human
Endotoxin Note	Less than 0.1 EU/ug of Vimentin as determined by LAL method.

Product Application Details

Applications	In vitro assay, SDS-Page
Recommended Dilutions	In vitro assay, SDS-Page
Application Notes	Use in In vitro reported in scientific literature (PMID:33859739).

Publications

Lara A. Skelton, Sriganesh Ramachandra Rao, Rachael S. Allen, Cara T. Motz, Mabelle T. Pardue, Steven J. Fliesler Retinal gliosis and phenotypic diversity of intermediate filament induction and remodeling upon acoustic blast overpressure (ABO) exposure to the rat eye Experimental eye research 2023-12-13 [PMID: 37481225]

Sano T, Sun X, Feng Y et al. Inhibition of the Growth of Breast Cancer-Associated Brain Tumors by the Osteocyte-Derived Conditioned Medium Cancers 2021-03-03 [PMID: 33802279] (Human)

Sun X, Li K, Zha R et al. Preventing tumor progression to the bone by induced tumor-suppressing MSCs Theranostics 2021-03-16 [PMID: 33859739] (In vitro)

Singh D, Paduch DA, Schlegel PN et al. The production of glial cell line-derived neurotrophic factor by human sertoli cells is substantially reduced in sertoli cell-only testes Hum. Reprod. 2017-05-01 [PMID: 28369535] (Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-35139-100ug

NBP1-85814PEP	Vimentin Recombinant Protein Antigen
AF748	E-Cadherin Antibody [Unconjugated]
NB300-223	Vimentin Antibody
AF1356	CD117/c-kit Antibody [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-35139

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

