

Product Datasheet

Recombinant Human Lamin A + C GST (N-Term) Protein H00004000-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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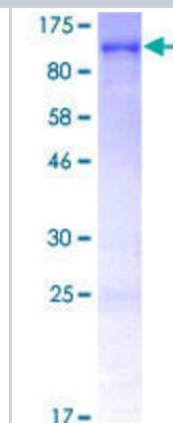
H00004000-P01-2ug**Recombinant Human Lamin A + C GST (N-Term) Protein**

Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	100.5 kDa
Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-664 of Human LMNA</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: METPSQRRATRSGAQASSTPLSPTRITRLQEKEDLQELNDRLAVYIDRVRSLET ENAGLRLRITESEEVVSREVSGIKAAYEALGDARKTLDVAKERARLQLELSK VREEFKELKARNTKKEGDLIAAQARLKDLEALLNSKEAALSTALSEKRTLEGELH DLRGQVAKLEAALGEAKKQLQDEMLRRVDAENRLQTMKEELDFQKNIYSEELR ETKRRHETRLVEIDNGKQREFESRLADALQELRAQHEDQVEQYKKELEKTYSA KLDNARQSAERNNSNLVGAAHEELQQSRIRIDSLSAQLSQLQKQLAAKEAKLRDL EDSLARERDTSRLLAEKEREMAEMRARMQQQLDEYQELLDIKLALDMEIHAY RKLLEGEERLRLSPSPTSQRSRGRASSHSSQTQGGGSVTKKRKLESTESRS SFSQHARTSGRVAVEEVDEEGKFVRLRNKSNEDQSMGNWQIKRQNGDDPLLT YRFPPKFTLKAGQVVTIWAAGAGATHSPPTDLVWKAQNTWGCNSLRTALINS TGEEVAMRKLVRSVTVVEDDEDEDGDDLLHHHHGSHCSSSGDPAEYNLRSRT VLCGTGCGPADKASASGSGAQVGGPISSGSSASSVTVTRSYRSVGGSGGGSF GDNLVTRSYLLGNSSPRTQSPQNCSIM</p>
Gene ID	4000
Gene Symbol	LMNA
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification, Kinase Assay
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification, Kinase Assay



Images

SDS-Page: Recombinant Human Lamin A Protein [H00004000-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Chen Y, Lin YP, Chow LP, Lee TC. Proteomic Identification of Hsp70 as a new Plk1 Substrate in Arsenic Trioxide-Induced Mitotically Arrested Cells. *Proteomics*. 2011-09-02 [PMID: 21887822]

Mintzer R, Ramaswamy S, Shah K et al. A whole cell assay to measure caspase-6 activity by detecting cleavage of lamin A/C. *PLoS One*. 2012-01-01 [PMID: 22253931]



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Products Related to H00004000-P01-2ug

NB100-56649PEP	Lamin A + C Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NBP2-25151	Lamin A + C Antibody (4C4)
DLP00	Leptin/OB [HRP]

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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.

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