

蛋白酶抑制剂混合液(100×PIC)

产品简介:

蛋白酶抑制剂(Protease Inhibitor)是指与蛋白酶分子活性中心上的一些基团结合,使蛋白酶活力下降甚至消失但不使蛋白变性的物质。蛋白酶抑制剂有很多种,包括 EDTA、E-64、NaVO₃、Bestatin、Leupetin、Pepstatin A、Aprotinin 等均可有效抑制蛋白的降解,并维持原有的蛋白间相互作用。

Leagene 蛋白酶抑制剂混合液(100×PIC)主要由 Leupetin、Pepstatin A、Aprotinin、E-64 等组成,不含 EDTA。该混合物可以抑制绝大多数蛋白酶活性,包括丝氨酸蛋白酶、半胱氨酸蛋白酶、胃蛋白酶、胰蛋白酶、木瓜蛋白酶等。该蛋白酶抑制剂混合液是 100×的浓缩溶液,适用于从哺乳动物组织、细胞中提取蛋白质,能够更有效的获得目的蛋白质。提取出来的蛋白可以用于 Western Blot、免疫共沉淀等试验。该试剂盒仅用于科研领域,不适用于临床诊断或其他用途。

产品组成:

名称	编号	PI0015	Storage
蛋白酶抑制剂混合液(100×PIC)		1ml	-20℃ 避光
使用说明书			1 份

操作步骤(仅供参考):

- 1、开盖前请低速离心一下,以便将黏附于管壁的液体甩至管底。
- 2、使用时,根据裂解液的用量加入蛋白酶抑制剂混合液(100×PIC),使其终浓度达到 1×。

注意事项:

- 1、蛋白酶抑制剂混合液有轻微刺激性,小心操作,同时应避免反复冻融。
- 2、试剂开封后请尽快使用,以防影响后续实验效果。
- 3、为了您的安全和健康,请穿实验服并戴一次性手套操作。

有效期: 12 个月有效。低温运输, -20℃保存。

相关产品:

产品编号	产品名称
CC0005	磷酸缓冲盐溶液(1×PBS,无钙镁)
CS0001	ACK 红细胞裂解液(ACK Lysis Buffer)
DF0111	组织固定液(10% NBF)
DM0007	瑞氏-姬姆萨复合染色液
TC0699	植物总糖和还原糖检测试剂盒(DNS 比色法)
PW0040	Western blot 一抗稀释液
TO1013	丙二醛(MDA)检测试剂盒(TBA 比色法)

文献引用:

- 1、 Yan-Hang Wang,Xin Chen,Yi-Zhen Bai,et al.Palmitoylation of PKC δ by ZDHHC5 in hypothalamic microglia presents as a therapeutic target for fatty liver disease.Theranostics.January 2024.10.7150/thno.89602.(IF 12.4)
- 2、 Li Meng,Wang Yueyao,Qi Zhongwen,et al.QishenYiqi dripping pill protects against myocardial ischemia/reperfusion injury via suppressing excessive autophagy and NLRP3 inflammasome based on network pharmacology and experimental pharmacology.Frontiers in Pharmacology.September 2022.10.3389/fphar.2022.981206.(IF 5.988)
- 3、 Zhou Rui,Lin Chuman,Cheng Yanzhen,et al.Liraglutide Alleviates Hepatic Steatosis and Liver Injury in T2MD Rats via a GLP-1R Dependent AMPK Pathway.Frontiers in Pharmacology.March 2021.10.3389/fphar.2020.600175.(IF 5.811)
- 4、 Xianning Zhang,Lulu Liu,Xin Liu,et al.Chidamide suppresses adipogenic differentiation of bone marrow derived mesenchymal stem cells via increasing REEP2 expression.iScience.February 2023.10.1016/j.isci.2023.106221.(IF 5.8)
- 5、 Shichao Lv,Peng Yuan,Chunmiao Lu,et al.QiShenYiQi pill activates autophagy to attenuate reactive myocardial fibrosis via the PI3K/AKT/mTOR pathway.Aging-US.February 2021.10.18632/aging.202482.(IF 5.682)
- 6、 Zhenzhen Xiong,Mengni Wang,Jianhua Wu,et al.Tceal7 Regulates Skeletal Muscle Development through Its Interaction with Cdk1.INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES.March 2023.10.3390/ijms24076264.(IF 5.6)
- 7、 Shichao Lv,Peng Yuan,Jianping Dong,et al.QiShenYiQi pill improves the reparative myocardial fibrosis by regulating autophagy.JOURNAL OF CELLULAR AND MOLECULAR MEDICINE.September 2020.10.1111/jcmm.15695.(IF 4.486)
- 8、 Jinni Meng,Huixia Ma,Yafei Zhu,et al.Dehydrocostuslactone attenuated oxygen and glucose deprivation/reperfusion-induced PC12 cell injury through inhibition of apoptosis and autophagy by activating the PI3K/AKT/mTOR pathway.EUROPEAN JOURNAL OF PHARMACOLOGY.October 2021.10.1016/j.ejphar.2021.174554.(IF 4.432)
- 9、 Yue Zhang,Ruijiao Chang,Muqiong Li,et al.Docetaxel-loaded lipid microbubbles combined with ultrasound-triggered microbubble destruction for targeted tumor therapy in MHCC-H cells.OncoTargets and Therapy.November 2022.10.2147/OTT.S102101.(IF 4.345)
- 10、 Shichao Lv,Wanqin Zhang,Peng Yuan,et al.QiShenYiQi pill for myocardial collagen metabolism and apoptosis in rats of autoimmune cardiomyopathy.PHARMACEUTICAL BIOLOGY.April 2022.10.1080/13880209.2022.2056206.(IF 3.889)
- 11、 Lulu Liu,Haihui Liu,Lei Liu,et al.Aplicidin confers promising therapeutic effect on acute myeloid leukemia cells via

- increasing QPCT expression.CANCER BIOLOGY & THERAPY.June 2023.10.1080/15384047.2023.2228497.(IF 3.6)
- 12、 Shuangli Yang,Chuman Lin,Xiaoyun Zhuo,et al.Glucagon-like peptide-1 alleviates diabetic kidney disease through activation of autophagy by regulating AMP-activated protein kinase-mammalian target of rapamycin pathway.AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM.November 2020.10.1152/ajpendo.00195.2019.(IF 3.469)
- 13、 Lanqing Meng,Huixia Ma,Jinni Meng,et al.Costunolide attenuates oxygen-glucose deprivation/reperfusion-induced mitochondrial-mediated apoptosis in PC12 cells.Molecular Medicine Reports.March 2021.10.3892/mmr.2021.12050.(IF 2.952)
- 14、 Jin Xu,Yueying Li,Xiaoming Yang,et al.Bilobol inhibits the lipopolysaccharide-induced expression and distribution of RhoA in HepG2 human hepatocellular carcinoma cells.Oncology Letters.May 2015.10.3892/ol.2015.3276.(IF 1.554)
- 15、 Yiyuan Huang,Yufeng Deng,Lina Shang,et al.Effect of type 2 diabetes mellitus caveolin-3 K15N mutation on glycometabolism Corrigendum in /10.3892/etm.2019.8307.Experimental and Therapeutic Medicine.August 2019.10.3892/etm.2019.7840.(IF 1.448)

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