



碧云天生物技术/Beyotime Biotechnology
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SOD (抗氧化酶)

产品编号	产品名称	包装
S0087	SOD (抗氧化酶)	15KU

产品简介:

- SOD即Superoxide dismutase, 中文名为超氧化物歧化酶。SOD可以催化超氧自由基转化为过氧化氢和分子氧, 在抵御氧自由基导致的细胞损伤中起关键作用。SOD可以抑制一些细胞的凋亡。有报道SOD可以促进一氧化氮的作用。
- 本SOD为进口分装, 纯化自牛红细胞, 酶活力为2500-7000UN/mg蛋白。一个活力单位的SOD, 在25°C, pH7.8, xanthine oxidase 耦联体系存在的情况下, 可以抑制细胞色素C还原的50%。
- SOD分子量31.2kD, 纯度>99%。

包装清单:

产品编号	产品名称	包装
S0087	SOD (抗氧化酶)	15KU/500微升
—	说明书	1份

保存条件:

-20°C保存, 一年有效。

注意事项:

- 尽量避免多次反复冻融, 宜适当分装后-20°C保存。
- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

使用本产品的文献:

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10. Zhang X, Wang L, Wang R, Luo X, Li Y, Chen Z. Protective effects of rice dreg protein hydrolysates against hydrogen peroxide-induced oxidative stress in HepG-2 cells. *Food Funct*. 2016 Mar;7(3):1429-37.
11. Xie Y, Liu D, Cai C, Chen X, Zhou Y, Wu L, Sun Y, Dai H, Kong X, Liu P. Size-dependent cytotoxicity of Fe₃O₄ nanoparticles induced by biphasic regulation of oxidative stress indifferent human hepatoma cells. *Int J Nanomedicine*. 2016 Jul 29;11:3557-70.