

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

CAT, 1-527aa, Human, His tag, E.coli

产品货号: TP01434

第三版

别名:Catalase.

描述:CAT is a key antioxidant enzyme in the bodies defense against oxidative stress. Also, it is a heme enzyme that is present in the peroxisome of nearly all aerobic cells. CAT converts the reactive oxygen species hydrogen peroxide to water and oxygen and thereby mitigates the toxic effects of hydrogen peroxide.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

分子量:61.9 kDa (547aa)

序列:

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MGSSHHHHHSSGLVPRGSHMADSRDPASDQMQRHWKEQRAAQKADVLTGAGNPVGDKLNVTVGPRGPLLVQDV  
VFTDEMAHFDRERIPERVVHAKGAGAFGYFEVTHDITKYSKAKVFEHIGKKTPIAVRFSTVAGESGSADTVRDPRGFAVKF  
YTEDGNWDLVGNNTPIFFIRDPIPFPSFIHSQKRNPQTHLKDPDMVWDFWLSLRPESLHQVSFLFSDRGIPDGHRHMNGYG  
SHTFKLVNANGEAVYCKFHYKTDQGKLNLSVEDAARLSQEDPDYGIRDLFNAIATGKYPSTWTFYIQVMTFNQAETFFPNP  
FDLTKVWPHKDYPLIPVGKLVLRNRPVNYFAEVEQIAFDPSNMPPGIEASPDKMLQGRLFAYPDTHRHRGPNYLHIPVN  
CPYRARVANYQRDGPMMQDNQGGAPNYYPNSFGAPEQQPSALEHSIQYSGEVRRFNTANDDNVTQVRAFVYVNVLNE  
EQRKRLCENIAGHLKDAQIFIQKKA VKNFTEVHPDYGSHIQALLDKYNAEKPKNAIHTFVQSGSHLAAREKANL
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纯度:> 95% by HPLC

浓度:1 mg/ml

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.