

Recombinant Human Catalase protein ab172164

描述

产品名称	重组人Catalase蛋白
纯度	> 95 % SDS-PAGE. Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
内毒素水平	< 0.100 Eu/μg
表达系统	Escherichia coli
Accession	<u>P04040</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MADSRDPASDQMHWKEQRAAQKADVLTTGAGNPVGDKLNVI TVGPRGPL LVQDVVFTDEMAHFDREIPERVVHAKGAGAFGYFEVTHDIT KYSKAKVF EHIGKKTPIAVRFSTVAGESGSADTVRDPR GFAVKFYTEDGNWDLVGNNTPIFFIRDPIILFPSFIHSQKRNP QTHLKDPD MVWDFWSLRPESLHQVSFLFSDRGIPDGHRHMNGYGSHTFKL VNANGEAV YCKFHYKTDQGIKNLSVEDAARLSQEDPDYGIRDLFNAIATG KYPSWTFY IQVMTFNQAETFPFNPFDLTKVWPHKDYPLIPVGKLVLRNP VNYFAEVE QIAFDPSNMPPGIEASPKMLQGRLFAYPDTHRRLGPNYLH IPVNCPYR ARVANYQRDGPMMQDNQGGAPNYYPNSFGAPEQQPSALEHS IQYSGEVR RFNTANDDNVTQVRAFVYVNLNNEEQRKRLCENIAGHLKDAQI FIQKKAVK NFTEVHPDYGSHIQALLDKYNAEKPKNAIHTFVQSGSHLAAR EKANL </pre>
预测分子量	60 kDa
氨基酸	2 to 527

技术指标

Our **Abpromise guarantee** covers the use of **ab172164** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE HPLC
形式	Liquid

制备和贮存

稳定性和存储	Shipped on Dry Ice. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituent: 100% PBS Supplied as a 0.2 µM filtered solution
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常规信息

功能	Occurs in almost all aerobically respiring organisms and serves to protect cells from the toxic effects of hydrogen peroxide. Promotes growth of cells including T-cells, B-cells, myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibroblast cells.
疾病相关	Defects in CAT are the cause of acatalasia (ACATLAS) [MIM:115500]; also known as acatalasemia. This disease is characterized by absence of catalase activity in red cells and is often associated with ulcerating oral lesions.
序列相似性	Belongs to the catalase family.
翻译后修饰	The N-terminus is blocked.
细胞定位	Peroxisome.

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