

Product datasheet

Recombinant Human COMT protein ab117155

概述

产品名称	重组人COMT蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [P21964](#)

种属 Human

序列
 MGDTKEQRIILNHVLQHAEPGNAQSVLEAIDTYCEQKEWAMNVGDKKGIIV
 DAVIQEHQPSVLLLELGAYCGYSAVRMARLLSPGARLITIEINPDCAAITQ
 RMVDFAGVKDKVTLVVGASQDIIPQLKKKYDVTLDVMFLDHWKDRYLPD
 TLLLEECGLLRKGTVLLADNVICPGAPDFLAHVRGSSCFECTHYQSFLEY
 REVVDGLEKAIYKGGSEAGP

分子量 24 kDa

氨基酸 51 to 271

技术指标

Our [Abpromise guarantee](#) covers the use of **ab117155** 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
纯度	> 95 % SDS-PAGE. ab117155 is purified by proprietary chromatographic techniques.
形式	Liquid

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00
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Constituents: 10% Glycerol, 0.01% Magnesium chloride, 0.32% Tris HCl

常规信息

功能	Catalyzes the O-methylation, and thereby the inactivation, of catecholamine neurotransmitters and catechol hormones. Also shortens the biological half-lives of certain neuroactive drugs, like L-DOPA, alpha-methyl DOPA and isoproterenol.
组织特异性	Brain, liver, placenta, lymphocytes and erythrocytes.
序列相似性	Belongs to the mammalian catechol-O-methyltransferase family.
翻译后修饰	The N-terminus is blocked.
细胞定位	Cytoplasm and Cell membrane.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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