

## Product datasheet

# Recombinant Human COMT protein ab117155

### 概述

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产品名称	重组人COMT蛋白
蛋白长度	Protein fragment

### 描述

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性质	Recombinant
来源	Escherichia coli

### 氨基酸序列

Accession [P21964](#)

种属 Human

序列  
 MGDTKEQRIILNHVLQHAEPGNAQSVLEAIDTYCEQKEWAMNVGDKKGIIV  
 DAVIQEHQPSVLLLELGAYCGYSAVRMARLLSPGARLITIEINPDCAAITQ  
 RMVDFAGVKDKVTLVVGASQDIIPQLKKKYDVTLDVMFLDHWKDRYLPD  
 TLLLEECGLLRKGTVLLADNVICPGAPDFLAHVIRGSSCFECTHYQSFLEY  
 REVVDGLEKAIYKGGSEAGP

分子量 24 kDa

氨基酸 51 to 271

### 技术指标

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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

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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

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<b>功能</b>	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.
<b>组织特异性</b>	Brain, liver, placenta, lymphocytes and erythrocytes.
<b>序列相似性</b>	Belongs to the mammalian catechol-O-methyltransferase family.
<b>翻译后修饰</b>	The N-terminus is blocked.
<b>细胞定位</b>	Cytoplasm and Cell membrane.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
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