

Product datasheet

Recombinant DMGO protein ab51201

1 图像

概述

产品名称	Recombinant DMGO protein
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

种属	Arthrobacter globiformis
序列	<p>MGSSHHHHHH SGLVPRGSH MASTPRIVII  GAGIVGTNLA DELVTRGWNN ITVLDQGPNL  MPGGSTSHAP GLVFQTNPSK TMAFAKYTV  EKLLSLTEDG VSCFNQVGGL EVATTETRLA  DLKRKLGYAA AWGIEGRLLS PAECQELYPL  LDGENILGGL HVPSDGLASA ARAVQLLIK  TESAGVTYRG STTVTGIEQS GGRVTGVQTA  DGVIPADIVV SCAGFWGAKI GAMIGMAVPL  LPLAHQYVKT TPVPAQQGRN DQPNGARLPI  LRHQDQDLYY REHGDRYGIG SYAHRPMPVD  VDTLGAYAPE TVSEHHMPSR LDFTLEDFLP  AWEATKQLLP ALADSEIEDG FNGIFSFTPD  GGPLLGESKE LDGFYVAEAV WVTHSAGVAK  AMAELLTTGR SETDLGECDI TRFEDVQLTP  EYVSETSQQN FVEIYDVLHP LQPRLSPRNL  RVSPFHARHK ELGAFFLEAG GWERPYWFEA  NAALLKEMPA EWLPPARDAW SGMFSSPIAA  AEAWKTRTAV AMYDMTPLKR LEVSGPGALK  LLQELTTADL AKKPGAVTYT LLLDHAGGVR  SDITVARLSE DTFQLGANGN IDTAYFERAA  RHQTQSGSAT DWVQVRDTTG GTCCIGLWGP  LARDLVSKVS DDDFTNDGLK YFRAKNVIVG  GIPVTAMRLS YVGELGWELY TSADNGQRLW  DALWQAGQPF GVIAAGRAAF SSLRLEKGYR  SWGDTMTTEH DPFEAGLGFA VKMAKESFIG  KGALEGRTEE ASARRLRCLT IDDGRSIVLG</p>

KEPVFYKEQA VGYVTSAAAYG YTVAKPIAYS  
YLPGTVSVGD SVDIEYFGRR ITATVTEPL  
YDPKMTRLRG

分子量 92 kDa including tags  
标签 His tag N-Terminus

## 技术指标

Our [Abpromise guarantee](#) covers the use of **ab51201** 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.  
Recombinant DMGO from *Arthrobacter globiformis*, fused to His tag at N-terminal was expressed in *E.coli* and purified using conventional chromatography techniques.  
形式 Liquid

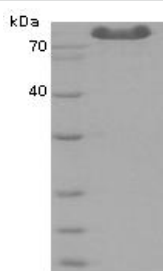
## 制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  
Preservative: None  
Constituents: 20% Glycerol, 20mM Tris HCl, pH 8.0

## 常规信息

相关性 Dimethylglycine oxidase (DMGO) is a covalent flavoenzyme from *Arthrobacter globiformis* that catalyzes the oxidative demethylation of dimethylglycine to yield sarcosine, formaldehyde, and hydrogen peroxide. The N-terminal region binds FAD covalently so it is yellowish.

## 图片



15% SDS-PAGE gel loaded with ab51201,  
Recombinant DMGO protein from  
*Arthrobacter globiformis* (His tag).

SDS-PAGE - DMGO protein (His tag) (ab51201)

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

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