

Product datasheet

Recombinant DMGO protein ab51201

1 图像

概述

产品名称	重组DMGO蛋白
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 SSGLVPRGSH 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 YFRAKNVVI 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

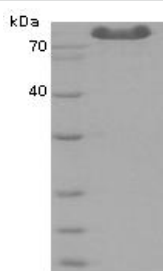
制备和贮存

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)

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