



Recombinant *Arthrobacter globiformis* Mosaic Protein [His] (DAG1731)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Arthrobacter globiformis Dimethylglycine oxidase (AF329477) recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Species	Arthrobacter globiformis
Purity	Conventional Chromatography
Conjugate	His
Applications	SDS-PAGE
Format	Liquid
Concentration	1 mg/ml
Buffer	In 20 mM Tris, pH 8.0 (20% glycerol)
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	In enzymology, a dimethylglycine oxidase (EC 1.5.3.10) is an enzyme that catalyzes the chemical reaction N, N-dimethylglycine + H ₂ O + O ₂ → sarcosine + formaldehyde + H ₂ O ₂ . The 3 substrates of this enzyme are N, N-dimethylglycine, H ₂ O, and O ₂ , whereas its 3 products are sarcosine, formaldehyde, and H ₂ O ₂ .
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