



Recombinant Sarcosine Oxidase (DAG-WT126)

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

PRODUCT INFORMATION

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| Conjugate | His |
| Applications | Immunoassay |
| Molecular Weight | 39.8kDa |
| Bio-activity | 8.0U/mg |
| Format | Lyophilized Powder |
| Size | 1 mg |
| Storage | Store at -20°C. Avoid freeze/thaw cycles |

BACKGROUND

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| Introduction | Sarcosine oxidase is an enzyme (EC 1.5.3.1) that catalyzes the oxidative demethylation of sarcosine to yield glycine, H ₂ O ₂ , 5,10-CH ₂ -tetrahydrofolate in a reaction requiring H ₄ -tetrahydrofolate and oxygen. Corynebacterial sarcosine oxidase is a heterotetramer and is produced as an inducible enzyme when Corynebacterium sp. is grown with sarcosine as source of carbon and energy. |
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