

Product datasheet

Recombinant *B. subtilis* Oxalate decarboxylase protein (Active) ab285800

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Description

Product name	Recombinant <i>B. subtilis</i> Oxalate decarboxylase protein (Active)
Biological activity	Specific activity with 100 mM oxalate is approximately 2 U/mg. The specific activity is calculated using Oxalate Decarboxylase Activity Assay Kit.
Purity	>= 98 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>O34714</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Bacillus subtilis
Actual molecular weight	46 kDa
Amino acids	1 to 385
Tags	His tag N-Terminus
Description	Recombinant <i>B. subtilis</i> Oxalate decarboxylase protein (Active)

Specifications

Our **Abpromise guarantee** covers the use of **ab285800** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Enzyme activity assay
Form	Liquid
Additional notes	This product is manufactured by BioVision, an Abcam company and was previously called 7262 Oxalate Decarboxylase, Active Bacterial Recombinant. 7262-1000 is the same size as the 1 mg size of ab285800.

Preparation and Storage

Stability and Storage

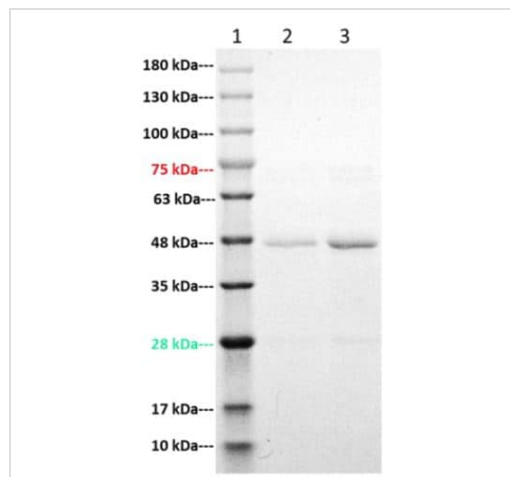
Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.

pH: 8.00

Constituents: 0.242% Tris, 20% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Images



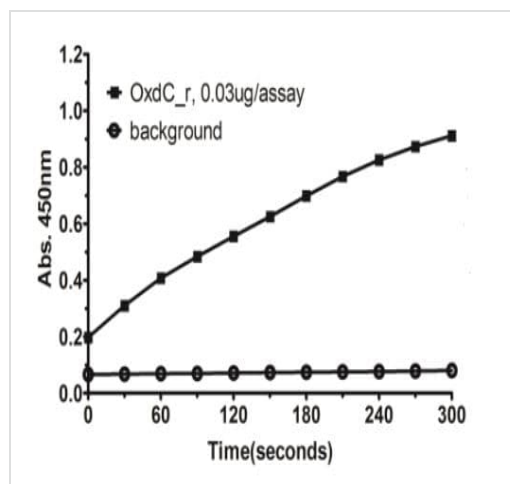
SDS-PAGE - Recombinant *B. subtilis* Oxalate decarboxylase protein (Active) (ab285800)

SDS-PAGE (4-20%) of ab285800: ab285800 was loaded under reducing conditions and stained with Coomassie Blue. The protein showed a band at ~46 kDa.

Lane 1: MW Markers

Lane 2: OxdC (2 µg)

Lane 3: OxdC (4 µg)



Enzyme activity assay - Recombinant *B. subtilis* Oxalate decarboxylase protein (Active) (ab285800)

Enzymatic Activity of ab285800: The enzymatic activity was calculated using a Oxalate Decarboxylase Activity Assay Kit (Colorimetric)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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