

Datasheet for ABIN7607222

## CA1 Protein (AA 2-261) (His tag)



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### Overview

Quantity:	50 µg
Target:	CA1
Protein Characteristics:	AA 2-261
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

### Product Details

Purpose:	Recombinant Human CA1/Carbonic anhydrase 1 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its esterase activity. The specific activity is >10 pmol/min/µg, as measured under the described conditions.

### Target Details

Target:	CA1
Alternative Name:	CA-I ( <a href="#">CA1 Products</a> )

## Target Details

Background:	CA-I, Carbonate dehydratase I, Carbonic anhydrase B, CA1, CAB, Carbonic anhydrase 1, Carbonic anhydrase I
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UniProt:	<a href="#">P00915</a>
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## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
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Expiry Date:	12 months
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