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Datasheet for ABIN7318505  
**ALDOA Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	ALDOA
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDOA protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human ALDOA Protein (His Tag)
Sequence:	Pro2-Tyr364
Characteristics:	Recombinant Human Fructose-Bisphosphate Aldolase A is produced by our E.coli expression system and the target gene encoding Pro2-Tyr364 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	ALDOA
Alternative Name:	ALDOA ( <a href="#">ALDOA Products</a> )
Background:	Background: Fructose Bisphosphate Aldolase A (ALDOA) belongs to the class I fructose-bisphosphate aldolase family. ALDOA is a glycolytic enzyme that catalyzes the reversible

## Target Details

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conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. In vertebrates, three forms of this ubiquitous glycolytic enzyme are found, Aldolase A in muscle, Aldolase B in liver and aldolase C in brain. Aldolase A Interacts with SNX9 and WAS. Aldolase A deficiency has been associated with myopathy and hemolytic anemia. In addition, Aldolase A plays an important role in glycolysis and gluconeogenesis, it may also act as a scaffolding protein.

Synonym: Fructose-Bisphosphate Aldolase A, Lung Cancer Antigen NY-LU-1, Muscle-Type Aldolase, ALDOA, ALDA

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Molecular Weight: 40.5 kDa

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UniProt: [P04075](#)

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Pathways: [Ribonucleoside Biosynthetic Process](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Frozen, Liquid

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Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 20 % Glycerol, pH 8.0.

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Storage: -20 °C

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Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.