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## Datasheet for ABIN7318506 ALDOC Protein (His tag)

### Overview

Quantity:	50 µg
Target:	ALDOC
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDOC protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human ALDOC Protein (His Tag)
Sequence:	Phe2-Tyr364
Characteristics:	Recombinant Human Fructose-Bisphosphate Aldolase C is produced by our Mammalian expression system and the target gene encoding Phe2-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:	ALDOC
Alternative Name:	ALDOC ( <a href="#">ALDOC Products</a> )
Background:	Background: Fructose-bisphosphate aldolase C (ALDOC) belongs to the class I fructose-bisphosphate aldolase family. It is an enzyme that, in humans, is encoded by the ALDOC gene.

## Target Details

ALDOC is expressed exclusively in the hippocampus and Purkinje cells of the brain. ALDOC is a glycolytic enzyme which catalyzes the reversible aldol cleavage of fructose-1,6-biphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehydes respectively

Synonym: Fructose-bisphosphate aldolase C, Brain-type aldolase, ALDC, Aldo3, Aldolase C, Scrg2, zebrin II

Molecular Weight:	40.3 kDa
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UniProt:	<a href="#">P09972</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 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.
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