

## Recombinant Mouse Aldoc Protein, MYC/DDK-tagged

Cat. No. Aldoc-575M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse aldolase C, fructose-bisphosphate (Aldoc), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the aldolase family of enzymes that is mainly expressed in neuronal tissues. The encoded protein is an enzyme of the glycolysis pathway, and catalyzes the conversion of fructose-1,6-bisphosphate to glyceraldehyde-3-phosphate and dihydroxyacetone phosphate. Alternate splicing of this gene results in multiple transcript variants.
<b>Molecular Mass</b>	39.3 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Aldoc aldolase C, fructose-bisphosphate [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	<a href="#">Aldoc</a>
<b>Synonyms</b>	Aldoc; aldolase C, fructose-bisphosphate; Aldo3; Scrg2; AI847350; AU040929; fructose-bisphosphate aldolase C; aldolase 3, C isoform; brain-type aldolase; scrapie responsive gene 2; scrapie-responsive protein 2; zebrin II; EC 4.1.2.13
<b>Gene ID</b>	<a href="#">11676</a>
<b>mRNA Refseq</b>	<a href="#">NM_009657</a>
<b>Protein Refseq</b>	<a href="#">NP_033787</a>
<b>UniProt ID</b>	<a href="#">P05063</a>

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