# Recombinant Mouse Aldoc Protein, MYC/DDK-tagged

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

## SPECIFICATION

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| **Product Overview** | Purified recombinant protein of full-length mouse aldolase C, fructose-bisphosphate (Aldoc), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **Description** | 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. |
| **Molecular Mass** | 39.3 kDa |
| **Purity** | >80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **Storage** | Store at -80 centigrade after receiving vials. |
| **Concentration** | >50 μg/mL as determined by microplate BCA method |
| **Storage Buffer** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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## GENE INFORMATION

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| **Gene Name** | Aldoc aldolase C, fructose-bisphosphate [ Mus musculus (house mouse) ] |
| **Official Symbol** | Aldoc |
| **Synonyms** | 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 |
| **Gene ID** | 11676 |
| **mRNA Refseq** | NM_009657 |
| **Protein Refseq** | NP_033787 |
| **UniProt ID** | P05063 |

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