Recombinant Mouse Aldoc Protein, MYC/DDK-tagged

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

SPECIFICATION

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

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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