

Recombinant Mouse Aldoc Protein, His-tagged

Cat. No. Aldoc-7159M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Aldoc, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
ProteinLength	1-363
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.
Form	Liquid
Molecular Mass	41.9 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMPHSYPALSAEQKKELSDIALRIVTPGKGILA ADESVGSMARKLSQIGVENTEENRRLYRQVLFSADDRVKKCIGGVIFFHETLYQKDD NGVPFVRTIQDKGILVGIKVDKGVVPLAGTDGETTTQGLDGLLERCAQYKKGADFA KWRCVLKISDRTPSALAILENANVLARYASICQQNGIVPIVEPEILPDGDHDLKRCQYV TEKVLAAVYKALSDHHVYLEGTLLKPNMVTTPGHACPIKYSPEEIAMATVTALRRTVPP AVPGVTFLSGGQSEEEASLNLNAINRCPLRPWALTFSYGRALQASALNAWRGQRD

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NAGAATEEFIKRAEMNGLAAQGRYEGSGDGGAAAQSLYIANHAY

Purity > 95 % by SDS-PAGE

Stability Shelf life: one year from despatch.

Storage Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.

Concentration 1.0 mg/mL (determined by bradford assay)

Storage Buffer Phosphate buffered saline (pH 7.4) containing 20 % glycerol, 1 mM DTT.

GENE INFORMATION

Gene Name Aldoc aldolase C, fructose-bisphosphate [*Mus musculus* (house mouse)]

Official Symbol Aldoc

Synonyms Aldoc; aldolase C, fructose-bisphosphate; Al; Scr; Aldo3; Scrg2; Al847350; AU040929; fructose-bisphosphate aldolase C; brain-type aldolase; scrapie responsive gene 2; scrapie-responsive protein 2; zebrin II; EC 4.1.2.13

Gene ID 11676

mRNA Refseq NM_001303423

Protein Refseq NP_001290352

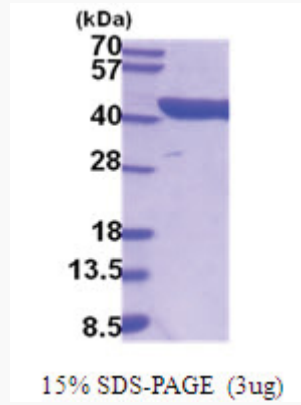
UniProt ID P05063

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SDS-PAGE



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