

Fructose-bisphosphate aldolase A (Aldoa) Recombinant Protein | Aldoa recombinant protein

Recombinant Mouse Fructose-bisphosphate aldolase A (Aldoa)

CATALOG # AAA113429	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Fructose-bisphosphate aldolase A (Aldoa); Recombinant Mouse Fructose-bisphosphate aldolase A (Aldoa); Aldoa recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-364, Full length protein
Sequence	PHPYPALTPE QKKELSDIAH RIVAPGKGIL AADESTGSIA KRLQSIGTEN TEENRRFYRQ LLLTADDRVN PCIGGVILFH ETLYQKADDG RPFQVIKSK GGVVGKVDK GVVPLAGTNG ETTTQGLDGL SERCAQYKKD GADFAKWRCV LKIGEHTPSA LAIMENANVL ARYASICQQN GIVPIVEPEI LPDGDHDLKR CQYVTEKVL AAVYKALSDHH VYLEGTLLKP NMVTPGHACT QKFSNEEIAM ATVTALRRTV PPAVTGVTFL SGGQSEEEAS INLNAINKCP LLKPWALTFS YGRALQASAL KAWGGKKENL KAAQEEYIKR ALANSLACQG KYTPSGQSGA AAESLFI SN HAY
Sequence Length	363
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Aldoa recombinant protein	This gene product, Aldolase A (fructose-bisphosphate aldolase) is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Three aldolase isozymes (A, B, and C), encoded by three different genes, are differentially expressed during development. Aldolase A is found in the developing embryo and is produced in even greater amounts in adult muscle. Aldolase A expression is repressed in adult liver, kidney and intestine and similar to aldolase C levels in brain and other nervous tissue. Aldolase A deficiency has been associated with myopathy and hemolytic anemia. Alternative splicing of this gene results in multiple transcript variants which encode the same protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	293597569
NCBI GeneID	11674
NCBI Accession #	NP_001170779.1
NCBI GenBank Nucleotide #	NM_001177308.1
UniProt Accession #	P05064
Molecular Weight	39,356 Da

NCBI Official Full Name	fructose-bisphosphate aldolase A isoform 2
NCBI Official Synonym Full Names	aldolase A, fructose-bisphosphate
NCBI Official Symbol	Aldoa
NCBI Official Synonym Symbols	Aldo1; Aldo-1
NCBI Protein Information	fructose-bisphosphate aldolase A
UniProt Protein Name	Fructose-bisphosphate aldolase A
UniProt Gene Name	Aldoa
UniProt Synonym Gene Names	Aldo1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/aldoa-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113429>