

Product datasheet for **SC213471**

ALDOB (NM_000035) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ALDOB (NM_000035) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ALDOB
Synonyms: ALDB; ALDO2
ACCN: NM_000035
Insert Size: 1279 bp
Insert Sequence: >SC213471 3'UTR clone of NM_000035
The sequence shown below is from the reference sequence of NM_000035. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCGCTCTTCACAGCCTGCTATACCTACTAGGGTCCAATGCCCGCCAGCCTAGCTCCAGTGCCTCTAGTA
GGAGGGCTGAAAGGGGAGCAACTTTCTCCAATCCTGGAATTCGACACAATTAGATTTGAACTGCTGG
AAATACAACACATGTTAAATCTTAAGTACAAGGGGAAAAATAAATCAGTTATTGAAACATAAAAAATG
AATACCAAGGACCTGATCAAATTCACACAGCAGTTTCCTTGCAACACTTTCAGCTCCCCATGCTCCAG
AATACCCACCCAAGAAAATAATAGGCTTTAAAACAATATCGGCTCCTCATCCAAAGAACAACTGCTGAT
TGAAACACCTCATTAGCTGAGTGTAGAGAAGTGCATCTTATGAAACAGTCTTAGCAGTGGTAGGTTGGG
AAGGAGATAGCTGCAACCAAAAAAGAAATAAATATTCTATAAACCTTCAGCTGCTATCGGGTTTCACTT
TTCTGCTCTTGCTGTCCAAAGACTCAGTGTATTTCACTACTTTTACTCTACTAGACATGACTGGGTTT
CAACAGTAAAGGTCTTCAACTCTTGCTAGTCATTGGAATCAAGCCGCAAAATTTAAAACTGAGATGC
TCAGGCCACCCCGACTCAATTAATCAGAAACCTAGACTTGGGATCCTCTAACTATTAGATTTCTT
AAAGCTCCCTCAGTAATTCGAATGTACAGTCAAGTTTGAGAACTACCAATCTAAATTTCAAGTTTGAGG
GTATTTGAAAATTAAGCCATTCACAATACGAAGCCAGCTAAAAATGTAGAATGATTTTGAGCAACTTG
TGGAGTATAATAAGAGAATTAATGTGACTTCAATGCTTGGAGCATTCTTGTTCAGTGGCCAGGTTTG
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CATAATGATACTGATTGACTTTCAATTTTCAGAATTAACCTATAGTTACAGCACTTAAGACAACCCAGA
GTTATAAAAGAGAATTTAAATATTATACTTTGGACAATATAAAAGTGATGATTTAACTGACAGAAGCT
AGGAAATATAAGGGGGAGGAGAAGTGAAGAAAGCAAAGAGAGTCAGGAATACTACTTAAACTGATGG
GTTAAGAAATAGTGCTTTAATTTAAGTAATAAAAGAAAATGGATGTAATCATAAAAATATATAT
CTAAAATTAATAATTGATGGTAGTATGCTAAATTTT
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_000035.4
Summary:	Fructose-1,6-bisphosphate aldolase (EC 4.1.2.13) is a tetrameric glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Vertebrates have 3 aldolase isozymes which are distinguished by their electrophoretic and catalytic properties. Differences indicate that aldolases A, B, and C are distinct proteins, the products of a family of related 'housekeeping' genes exhibiting developmentally regulated expression of the different isozymes. The developing embryo produces aldolase A, which is produced in even greater amounts in adult muscle where it can be as much as 5% of total cellular protein. In adult liver, kidney and intestine, aldolase A expression is repressed and aldolase B is produced. In brain and other nervous tissue, aldolase A and C are expressed about equally. There is a high degree of homology between aldolase A and C. Defects in ALDOB cause hereditary fructose intolerance. [provided by RefSeq, Dec 2008]
Locus ID:	229
MW:	49