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32-7180: Recombinant Human Fructose-Bisphosphate Aldolase A/ALDOA (C-6His)(Discontinued)

Gene : ALDOA
Gene ID : 226
Uniprot ID : P04075

Description

Source: E.coli.
MW :40.48kD.
Recombinant Human Fructose-Bisphosphate Aldolase A is produced by our E.coli expression system and the target gene encoding Pro2-Tyr364 is expressed with a 6His tag at the C-terminus. Fructose Bisphosphate Aldolase A (ALDOA) belongs to the class I fructose-bisphosphate aldolase family. ALDOA is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. In vertebrates, three forms of this ubiquitous glycolytic enzyme are found, Aldolase A in muscle, Aldolase B in liver and aldolase C in brain. Aldolase A Interacts with SNX9 and WAS. Aldolase A deficiency has been associated with myopathy and hemolytic anemia. In addition, Aldolase A plays an important role in glycolysis and gluconeogenesis; it may also act as a scaffolding protein.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 20% Glycerol, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : PYQYPALTPEQKKELSDIAHRIVAPGKGILAADESTGSIAKRLQSIGTENTEENRRFYRQLLLTADDRVNPCIGGVI
LFHETLYQKADDGRPFPQVIKSKGGVVGIKVDKGVVPLAGTNGETTTQGLDGLSERCAQYKKDGADFAKWRC
VLKIGEHTPSALAIMENANVLARYASICQQNGIVPIVEPEILPDGDHDLKRCQYVTEKVLAAVYKALSDHHIYLEG
TLLKPNMVTPGHACTQKFSHEEIAMATVTALRRTVPPAVTGITFLSGGQSEEEASINLNAINKCPLLKPWALTFSY
GRALQASALKAWGGKKENLKAAQEEYVKRALANSLACQGKYTPSGQAGAAASESLFVSNHAYLEHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.