

Aldolase B Fructose-Bisphosphate Human Recombinant

Item Number	rAP-0841
Synonyms	Fructose-bisphosphate aldolase B, Liver-type aldolase, ALDOB, ALDB, Aldolase B fructose-bisphosphate, ALDO2, aldolase 2, Aldolase B fructose-bisphosphatase.
Description	ALDOB Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 388 amino acids (1-364) and having a molecular mass of 42kDa. ALDOB is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P05062
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMAHRFP ALTQEQQKEL SEIAQSIVAN GKGILAADES VGTMGNRLQR IKVENTEENR RQFREILFSV DSSINQSIGG VILFHETLYQ KDSQGKLFNR ILKEKGIVVG IKLDQGGAPL AGTNKETTIQ GLDGLSERCA QYKKDGVDFG KWRVAVLRIAD QCPSSLAIQE NANA- LARYAS ICQQNGLVPI VEPEVIPDGD HDLEHCQYVT EKVLAAVYKA LNDHHVYLEG TLLKPNMVTA GHACTKKYTP EQVAMATVTA LHRTVPAAVP GICFLSGGMS EEDATLNLNA INLCPLPKPW KLSFSY-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ALDOB solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**