Recombinant Rabbit Fructose-bisphosphate aldolase B (ALDOB)

Product Code	CSB-MP001586RB
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P79226
Product Type	Recombinant Protein
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Purity	>85% (SDS-PAGE)
Sequence	AHRFPALTPEQKKELSDIAQRIVANGKGILAADESVGTMGNRLQRIKVENTEEN RRQFREILFTVDNSINQSIGGVILFHETLYQKDSQGKLFRNILKEKGIVVGIKLDQ GGAPLAGTNKETTIQGLDGLSERCAQYKKDGVDFGKWRAVLRIADQCPSSLAI QENANTLARYASICQQNGLVPIVEPEVIPDGDHDLEHCQYVTEKVLAAVYKALN DHHVYLEGTLLKPNMVTAGHACTKKYTPEQVAMATVTALHRTVPAAVPGICFL SGGMSEEDATLNLNAINLCPLPKPWKLSFSYGRALQASALAAWGGKAENKKA TQEAFMKRAVVNCQAAKGQYVHTGSSGAASTQSLFTASYTY
Research Area	Others
Source	Mammalian cell
Target Names	ALDOB
Expression Region	2-364aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

	concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.