

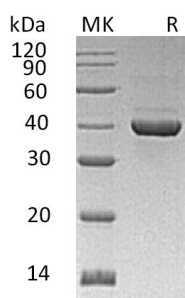
Product Name: Recombinant Human ALDOC (C-6His)
Catalog #: PHH0037



Summary

Name	ALDOC/Fructose-bisphosphate aldolase C
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Fructose-Bisphosphate Aldolase C is produced by our Mammalian expression system and the target gene encoding Phe2-Tyr364 is expressed with a 6His tag at the C-terminus.
Accession #	P09972
Host	Human Cells
Species	Human
Predicted Molecular Mass	40.3 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 50% Glycerol, pH8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Fructose-bisphosphate aldolase C; Brain-type aldolase; ALDC; Aldo3; Aldolase C; Scrg2; zebrin II
Background	Fructose-bisphosphate aldolase C (ALDOC) belongs to the class I fructose-bisphosphate aldolase family. It is an enzyme that, in humans, is encoded by the

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ALDOC gene. ALDOC is expressed exclusively in the hippocampus and Purkinje cells of the brain. ALDOC is a glycolytic enzyme which catalyzes the reversible aldol cleavage of fructose-1,6-biphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehydes respectively

Note

For Research Use Only , Not for Diagnostic Use.