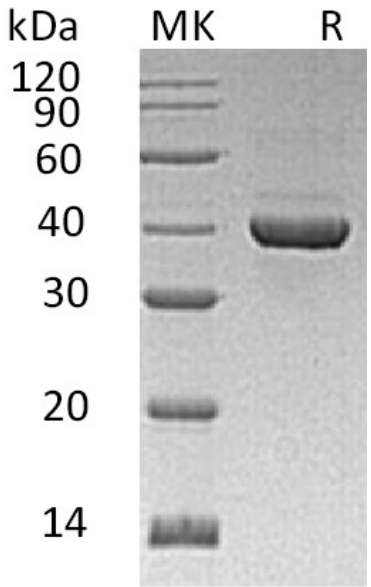
**Product Name: Recombinant Human ALDOC (C-6His)**
**Catalog #: PHH0037**

## 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



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## 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 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.