

Recombinant Human Fructose-Bisphosphate Aldolase C/ALDOC Protein(C-6His)

Cat.NO.: TP05194

3th Edition

Synonyms:Fructose-bisphosphate aldolase C;Brain-type aldolase; ALDC; Aldo3; Aldolase C; Scrg2; zebrin II

Description: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-bisphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehydes respectively

Form:PBS

Molecular Weight:40.3 kDa

Sequences:Phe2-Tyr364

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.