

## 32-7888: Recombinant Human Fructose-Bisphosphate Aldolase C/ALDOC (C-6His)

**Gene :** ALDOC

**Gene ID :** 230

**Uniprot ID :** P09972

### Description

Source: Human Cells.

MW :40.3kD.

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. 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

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,100mM NaCl,pH8.0.

**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

**Amino Acid :** PHSYPALSAEQKKELSDIALRIVAPGKGILAADESVGSMAKRLSQIGVENTEENRRLYRQVLFSADD  
RVKKCIGGVIFFHETLYQKDDNGVPFVRTIQDKGIVVGIVKVDKGVVPLAGTDGETTTQGLDGLSERC  
AQYKKDGADFAKWRCVLKISERTPSALAIENANVLARYASICQQNGIVPIVEPEILPDGDHDLKRCQ  
YVTEKVLAAVYKALSDHHVYLEGTLLKPNMVT PGHACPIKYTP EEIAMATVTALRRTVPPAVPGVTF  
LSGGQSEEEASFNLNAINRCPLRPWALTFSYGRALQASALNAWRGQRDNAGAATEEFIKRAEVN  
GLAAQGKYEGSGEDGGAAQSLYIANHAYVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.