

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

ALDOC, 1-364aa, Human, E.coli

产品货号: TP01133

第三版

别名:Fructose biphosphate aldolase C , ALDC, ALDC, ALDO C, aldoc, ALDOC_HUMAN, Aldolase 3, Aldolase C Fructose biphosphateBrain type aldolase, Brain-type aldolaseFructoaldolase C.

描述:ALDOC, also as known as fructose biphosphate C, is a member of the class 1 fructose-biphosphate aldolase family. This protein is a ubiquitous enzyme that catalyzes the reversible aldol cleavage of fructose-biphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehyde, respectively. It is expressed specifically in the hippocampus and Purkinje cells of the brain. Recombinant human ALDOC was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol, 2mM DTT, 0.1M NaCl

分子量:39.4kDa (364aa), confirmed by MALDI-TOF

序列:

MPHSYPALSAEQKKELSDIALRIVAPGKGILAADESVGSMARLSQIGVENTEENRRLYRQVLFSADDRVKKCIGGVIFHE
TLYQKDDNGVPFVRTIQDKGIVVGIVKVDKGVVPLAGTDGETTTQGLDGLSERCAQYKKGADFAKWRCVLKISERTPSA
LAILENANVLARYASICQQNGIVPIVEPEILPDGDHDLKRCQYVTEKVLAAVYKALSDHHVYLEGTLTKPNMVTTPGHACPI
KYTPEEIAMATVTALRRTVPPAVPGVTFLSGGQSEEEASFNLNAINRCPLPRPWALTFSYGRALQASALNAWRGQRDNAG
AATEEFIKRAEVNGLAAQGGKYEGSGEDGGAAAQSLYIANHAY

纯度:> 95% by HPLC

浓度:1mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.