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Aldoc, 1-363aa , Mouse, His tag, E.coli

产品货号: TP01132

第三版

别名:Fructose-bisphosphate aldolase C, A1847350, Aldo3, AU040929, Scrg2

描述:Aldoc also known as fructose-bisphosphate aldolase C, is a member of the class I fructose-biphosphate aldolase family. This protein is a glycolytic enzyme that 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. Recombinant mouse Aldoc, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques

配方:Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

分子量:41.9kDa (387aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMPHSYPALSAEQKKELSDIALRIVTPGKGILAADESVGSMARLSQIGVENTEENR
RLYRQVLFSADDRVKKCIGGVIFFHETLYQKDDNGVPFVRTIQDKGILVGIKVDKGVVPLAGTDGETTTQGLDGLLERCA
QYKKDGADFAKWRCVLKISDRTPSALAIENANVLARYASICQQNGIVPIVEPEILPDGDHDLKRCQYVTEKVLAAVYKAL
SDHHVYLEGTLKPNMVTTPGHACPIKYSPEEIAMATVTALRRTVPPAVPGVTFLSGGQSEEEASLNLNAINRCPLRPWAL
TFSYGRALQASALNAWRGQRDNAGAATEEFIKRAEMNGLAAQGRYEGSGDGGAAAQSLYIANHAY

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.