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Got1, 1-413aa , Mouse, His tag, E.coli

产品货号: TP02307

第三版

别名: Glutamate oxaloacetate transaminase 1 soluble, cAspAT

描述: Got1 also known as Glutamate oxaloacetate transaminase 1 is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and mitochondrial forms, GOT1 and GOT2, respectively. GOT1 plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. Recombinant mouse Got1 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 10% glycerol, 1mM DTT

分子量: 48.6kDa (436aa) confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMAPPSVFAQVPQAPPVLVFKLTADFRDDPDPKVN LGV GAYRTDESQPWVLPVV  
RKVEQKIANDNSLNHEYLPIGLAEFRSCASRLVLGDN SPAIRENRVGGVQSLGGTGALRIGADFLGRWYNGTDNKNTPIY  
VSSPTWENHNAVFSAAGFKDIRPYCYWDAEKRGLDLQGFLNDLENAPEFSIFVLHACAHNPTGTDPTPEQWKQIAAVM  
QRRFLFPFFDSAYQGFASGDLEKDAWAIRYFVSEGFELFCAQSF SKNFGLYNERVGNLTVVGKESDSVLRVLSQMEKIVRIT  
WSNPPAQGARIVAATLSDPELFKEWKGNVKT MADRILTMRSELRARLEALKTPGTW SHITEQIGMFSFTGLNPKQVEYLV  
NEKHIYLLPSGRINMCGLTTKNLDYVATSIHEAVTKIQ
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纯度: > 95% by HPLC

浓度: 0.5mg/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.