

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

GOT1, 1-413aa, Human, His tag, E.coli

产品货号: TP02308

第三版

别名: Glutamic-oxaloacetic transaminase 1, Aspartate aminotransferase 1, Transaminase A, GIG18

描述: Glutamic-oxaloacetic transaminase (GOT) is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. Recombinant human GOT1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT, 100mM NaCl

分子量: 48.4kDa (433aa) confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMAPPSVFAEVPQAQPVLVFKLTADFREDPDPRKVN LGVGAYRTDDCHPWVLPVVKKV  
EQKIANDNSLNHEYLPIGLAEFRSCASRLALGDDSPALKEKRVGGVQSLGGTGALRIGADFLARWYNGTNNKNTPVYVSS  
PTWENHNAVFSAAAGFKDIRSYRYWDAEKRLDLQGFLNDLENAPEFSIVVLHACAHNPTGIDPTPEQWKQIASVMKHRF  
LFPFFDSAYQGFASGNLERDAWAI RYFVSEGFEFFCAQSFSKNFGLYNERVGNLTVVGKEPESILQVLSQMEKIVRITWSNPP  
AQGARIVASTLSNPELFEWGTGNVKT MADRILTMRSELRARLEALKTPGTWNHITDQIGMFSFTGLNPKQVEYLVNEKHI  
YLLPSGRINVSGLTTKNLDYVATSIHEAVTKIQ
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纯度: > 95% by HPLC

浓度: 0.5 mg/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.