

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。

GPT2, 1-523aa Human, His tag, E.coli

产品货号: TP02324

第三版

别名: Alanine aminotransferase 2, ALT2, AAT2

描述: Alanine aminotransferase 2, also known as GPT2, catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate. Subsequently, they play a key role in the intermediary metabolism of glucose and amino acids. GPT2 expression is high in muscle, fat and kidney. Recombinant human GPT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 30% glycerol 0.2M NaCl, 2mM DTT

分子量: 60.3kDa (546aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMQRAAALVRRGCGPRTTPSSWGRSQSSAAAEASAVLKVRPERSRRERILTLESMNPQ  
VKAVEYAVRGPIVLKAGEIELELQRGIKKPFTEVIRANIGDAQAMGQQPITFLRQVMALCTYPNLLDSPSPEDAKKRARRI  
LQACGGNSLGSYSASQGVNCIREDVAAYITRRDGGVPADPDNIYLTGASDGIKILVSGGGKSRTGVMIPQYPLYSA  
VISELDAIQVNYYLDEENCWALNVNELRRAVQEAKDHCDPKVLCIINPGNPTGQVQSRKCIEDVIHF A WEEKLFLLADEV  
YQDNVYSPDCRFHSFKKVL YEMGPEYSSNVELASFHSTSKGYMGECGYRGGYMEVINLHPEIKGQLVKLLSVRLCPPVSGQ  
AAMDIVNPPVAGEESFEQFSREKESVLGNLAKKAKLTEDLFNQVPGIHCNPLQGAMYAFPRIFIPAKAVEAAQAHQMAP  
DMFYCMKLEETGICVPGSGFGQREGTYHFRMTILPPVEKLTVLQVKDFHINFLEKYA
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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.