

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。

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

产品货号: TP02325

第三版

别名:AAT2, ALT2

**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 (pH7.5) containing 30% glycerol, 2mM DTT, 0.2M NaCl

**分子量:** 60.3 kDa (546aa)

**序列:**

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MGSSHHHHHHSSGLVPRGSHMGSMQRAAALVRRGCGPRTTPSSWGRSQSSAAAEASAVLKVRPERSRRERILTLESMNPQ
VKAVEYAVRGPIVLKAGEIELELQRGIKKPFTEVIRANIGDAQAMGQQPITFLRQVMALCTYPNLLDSPSPEDAKKRARRI
LQACGGNSLGSYSASQGVNCIREDVAAYITRRDGGVPADPDNIYLTGASDGISTILKILVSGGGKSRTGVMIPQYPLYSA
VISELDAIQVNYYLDEENCWALNVNELRRAVQEAKDHCDPKVLCIINPGNPTGQVQSRKCIEDVIHF A WEEKLFLLADEV
YQDNVYSPDCRFHSFKKVL YEMGPEYSSNVELASFHSTSKGYMGECGYRGGYMEVINLHPEIKGQLVKLLSVRLCPPVSGQ
AAMDIVVNPPVAGEESFEQFSREKESVLGNLAKKAKLTEDLFNQVPGIHCNPLQGAMYAFPRIFIPAKAVEAAQAHQMAP
DMFYCMKLEETGICVVPGSGFGQREGTYHFRMTILPPVEKLTVLQVKDFHINFLEKYA
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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.