

## 32-2391: GPT2 Recombinant Protein

**Alternative Name :** ALT2,AAT2,Alanine aminotransferase 2,Glutamate pyruvate transaminase 2,Glutamic--alanine transaminase 2,Glutamic--pyruvic transaminase 2.

### Description

Source : E.coli. GPT2 Human Recombinant produced in E. coli is a single polypeptide chain containing 546 amino acids (1-523) and having a molecular mass of 60.3 kDa. GPT2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Alanine aminotransferase 2 (GPT2), catalyzes the reversible transamination among alanine and 2-oxoglutarate to create pyruvate and glutamate. GPT2 expressed mainly in muscle, fat and kidney and participates in the intermediary metabolism of glucose and amino acids. Multiple transcript variants encoding various isoforms have been found for GPT2.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The GPT2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 7.5), 30% glycerol, 0.2M NaCl and 2mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSMQRAAAL VRRGCGPRTP SSWGRSQSSA AAEASAVLKV  
RPERSRRERI LTLESMPQV KAVEYAVRGP IVLKAGEIEL ELQGIKKPF TEVIRANIGD AQAMGQQPIT  
FLRQVMALCT YPNLLDSPSF PEDAkkRARR ILQACGGNSL GSYSASQGVN CIREDVAAYI TRRDGGVPAD  
PDNIYLTGA SDGISTILKI LVSGGKSRT GVMIPQYP LYSAVISELD AIQVNYLDE ENCWALNVNE  
LRRAVQEAKD HCDPKVLCII NPGNPTGQVQ SRKCIEDVIH FAWEEKLFLI ADEVYQDNVY SPDCRFHSFK  
KVL YEMGPEY SSNVELASFH STSKGYMGEC GYRGGYMEVI NLHPEIKGQL VKLLSVRLCP PVSGQAAMDI  
VVNPPVAGEE SFEQFSREKE SVLGNLAKKA KLTEDLFNQV PGIHCNPLQG AMYAFPRIFI PAKAVEAAQA  
HQMAPDMFYC MKLLEETGIC VVPGSGFGQR EGTYHFRMTI LPPVEKLKTV LQKVKDFHIN FLEKYA.

