

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 SSGLVPRGSH MGSMQRAAAL VRRGCGPRTP SSWGRSQSSA AAEASAVLKV
RPERSRRERI LTLESMPQV KAVEYAVRGP IVLKAGEIEL ELQGIKKPF TEVIRANIGD AQAMGQQPIT
FLRQVMALCT YPNLLDSPSF PEDAkkRARR ILQACGGNSL GSYSASQGVN CIREDVAAYI TRRDGGVPAD
PDNIYLTGA SDGISTILKI LVSGGGKSRT GVMPIPIQYP LYSAVISELD AIQVNYLDE ENCWALNVNE
LRRAVQEAKD HCDPKVLCII NPGNPTGQVQ SRKCIEDVIH FAWEEKLFL L ADEVYQDNVY SPDCRFHSFK
KVLVEMGPEY SSNVELASFH STSKGYMGEC GYRGGYMEVI NLHPEIKGQL VKLLSVRLCP PVSGQAAMDI
VVNPPVAGEE SFEQFSREKE SVLGNLAKKA KLTEDLFNQV PGIHCNPLQG AMYAFPRIFI PAKAVEAAQA
HQMAPDMFYC MKLLEETGIC VVPGSGFGQR EGTYHFRMTI LPPVEKLKTV LQKVKDFHIN FLEKYA.