

# Human GPT Recombinant Protein



RPPB1827

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## Product Information    Protein Information

**Product SKU:**

RPPB1827

**Accession:**

P24298

**Host:**

Escherichia Coli.

**Protein description:**

Alanine Aminotransferase Human Recombinant produced in E.Coli is a homodimer, non-glycosylated, polypeptide chain containing 495a.a and having a molecular mass of 54,479 Dalton. The amino acid sequence is the same as that of native form of human liver ALT. The ALT is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile liquid formulation.

**Synonyms:**

Alanine aminotransferase 1, ALT1, EC 2.6.1.2, Glutamate pyruvate transaminase 1, GPT 1, Glutamic--alanine transaminase 1, Glutamic--pyruvic transaminase 1, GPT, AAT1, GPT1.

**Formulation:**

The protein was dialyzed against 40mM sodium acetate buffer (pH 5.5), 1mM DTT, 1mM EDTA, 5mM 2-oxoglutarate and 0.1mM pyridoxal-5'-phosphate.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Stability:**

AAT1 although stable at 10°C for 5 days, should be stored below -18°C. Please prevent freeze-thaw cycles.

**Biological Activity:**

The specific activity was found to be 1,020 U/mg.