

## Glutamic-Pyruvate Transaminase Human Recombinant, Active

<b>Item Number</b>	rAP-1911
<b>Synonyms</b>	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.
<b>Description</b>	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
<b>Uniprot Accesion Number</b>	P24298
<b>Amino Acid Sequence</b>	
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile liquid formulation. AAT1 although stable at 10°C for 5 days, should be stored below -18°C.Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	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. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	The specific activity was found to be 1,020 U/mg.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**