Active Recombinant Human AAT1

Cat. No. AAT1-8325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alanine Aminotransferase Human Recombinant produced in E.coli is a single, non-glycosylated, polypeptide chain containing having a molecular mass of 54,479 Dalton.The ALT is purified by chromatographic techniques.
Species	Human
Source	E.coli
Description	Alanine transaminase?or?ALT?is a?transaminase?enzyme?(EC?2.6.1.2). It is also called?serum glutamic pyruvic transaminase(SGPT) or?alanine aminotransferase?(ALAT).ALT is found in?serum?and in various bodily tissues, but is most commonly associated with the?liver. It catalyzes the two parts of thealanine cycle.
Form	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.
Bio-activity	The specific activity was found to be 1,000 U/mg.
Purity	Greater than 95.0% as determined by RP-HPLC and analysis by SDS-PAGE
Notes	For research use only.
Storage	AAT1 although stable at 10 ℃ for days, should be stored desiccated below -18 ℃. Please prevent freeze/thaw cycles.

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GENE INFORMATION

Gene Name	AAT1 Aortic aneurysm, familial thoracic 1 [Homo sapiens]
Official Symbol	AAT1
Synonyms	AAT1; Aortic aneurysm, familial thoracic 1; FAA1
Gene ID	252842
MIM	607086
Chromosome Location	11q23.3-q24

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