

Alanine aminotransferase 1 Recombinant Protein | GPT recombinant protein

Recombinant Human Alanine aminotransferase 1

CATALOG # AAA114079	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

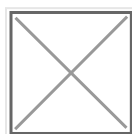
PRODUCT SYNONYMS

Alanine aminotransferase 1; Recombinant Human Alanine aminotransferase 1; Glutamate pyruvate transaminase 1; GPT 1; Glutamic-alanine transaminase 1; Glutamic-pyruvic transaminase 1; GPT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-496aa; Full Length of Mature Protein
Sequence	ASSTGDRSQA VRHGLRAKVL TLDGMNPRVR RVEYAVRGPI VQRALELEQE LRQGVKKPFT EVIRANIGDA QAMGQRPITF LRQVLALCVN PDLLSSPNFP DDAKKRAERI LQACGGHSLG AYSVSSGIQL IREDVARYIE RRDGGIPADP NNVFLSTGAS DAIVTVLKLL VAGEGHTRTG VLIPIQYPL YSATLAELGA VQVDYYLDEE RAWALDVAEL HRALGQARDH CRPRALCVIN PGNPTGQVQT RECIEAVIRF AFEERLFLLA DEVYQDNVYA AGSQFHSEKK VLMEMGPPYA GQELASFHS TSKGYMGECG FRGGYVEVVN MDAAVQQQML KLMSVRLCPP VPGQALLDLV VSPPAPTDPS FAQFQAEKQA VLAELAAKAK LTEQVFNEAP GISCNPVQGA MYSFPRVQLP PRAVERAQL GLAPDMFFCL RLLEETGICV VPGSGFGQRE GTYHFRMTIL PPLEKLRLLL EKLSRFHAKF TLEYS
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GPT recombinant protein	Catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate. Participates in cellular nitrogen metabolism and also in liver gluconeogenesis starting with precursors transported from skeletal muscles.
Product Categories/Family for GPT recombinant protein	Signal Transduction
References	Human glutamate pyruvate transaminase (GPT)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885351
NCBI GeneID	2875
NCBI Accession #	NP_005300.1

NCBI GenBank Nucleotide #	NM_005309.2
UniProt Accession #	P24298 ; P78398 ; Q93076 ; B0YJ18 ; D3DWM7
Molecular Weight	56.5 kDa
NCBI Official Full Name	alanine aminotransferase 1
NCBI Official Synonym Full Names	glutamic-pyruvate transaminase (alanine aminotransferase)
NCBI Official Symbol	GPT
NCBI Official Synonym Symbols	AAT1; ALT1; GPT1
NCBI Protein Information	alanine aminotransferase 1
UniProt Protein Name	Alanine aminotransferase 1
UniProt Gene Name	GPT
UniProt Synonym Gene Names	AAT1; GPT1; ALT1; GPT 1
UniProt Entry Name	ALAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/gpt-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114079>