

Glutamate Pyruvate Transaminase Active Protein | GPT active protein

Glutamate Pyruvate Transam Ag

CATALOG # AAA224513	HOST Pig
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PRODUCT SYNONYMS

Glutamate Pyruvate Transaminase; Glutamate Pyruvate Transam Ag; Alanine aminotransferase protein; GPT active protein

PRODUCT SPECIFICATIONS

Host	Pig
Form/Format	Lyophilized from Tris-chloride buffer, pH 7.0 with sodium chloride, EDTA, DTT, alpha-ketoglutarate, and pyridoxal-5-phosphate.
Sequence Length	496
Source Note	Porcine Heart
Protein Type	Native
Activity	90 units/mg
Protein	0.99mg protein/mg (A280 - Q0033); 0.50mg protein/mg (Coomassie - Q0033)
Specific Activity	90U/mg protein (A280); 180U/mg protein (Coomassie)
Contaminants	CPK: 0.05%; GLDH: <0.01%; LDH: <0.01%; SGOT/AST: <0.1%; Protease: <0.1 U/mg (<0.001 OD/8 minutes)
Biohazard	User standard laboratory precautions when handling this material.
Preparation and Storage	4 degree C shipping. Upon receipt, store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for GPT active protein	Purified native Porcine Glutamate Pyruvate Transaminase protein
Product Categories/Family for GPT active protein	Proteases ; Inhibitors ; Enzymes ; Native Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	1763096
NCBI GeneID	2875
Molecular Weight	100 kDa
NCBI Official Full Name	glutamate pyruvate transaminase
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.

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Online datasheet: <https://stage.aaabiotech.com/pig-active-protein/glutamate-pyruvate-transaminase/224513>