

Alanine Aminotransferase Recombinant Protein | ALT recombinant protein

Recombinant Alanine Aminotransferase (ALT)

CATALOG # AAA150196	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Alanine Aminotransferase; Recombinant Alanine Aminotransferase (ALT); GPT; ALAT; SGPT; AAT1; GPT1; Serum Glutamic Pyruvic Transaminase; Alanine Transaminase; Glutamate pyruvate transaminase 1; Glutamic--alanine transaminase 1; ALT recombinant protein

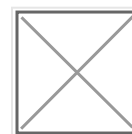
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Ala2~Ser496
Sequence Length	496
Applicable Applications for ALT recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Mouse
Tag	N-terminal His Tag
Subcellular Location	Cytoplasm
Isoelectric Point	6.6
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence
Figure. Gene Sequencing (Extract



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for ALT recombinant protein	Enzyme & Kinase; Infection immunity; Hepatology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46576612
NCBI GeneID	76282
UniProt Accession #	Q8QZR5
Molecular Weight	Predicted Molecular Mass: 58.7kDa Accurate Molecular Mass: 59kDa
NCBI Official Full Name	Alanine aminotransferase 1
NCBI Official Synonym Full Names	glutamic pyruvic transaminase, soluble
NCBI Official Symbol	Gpt
NCBI Official Synonym Symbols	ALT; ALT1; Gpt1; Gpt-1; 1300007J06Rik; 2310022B03Rik
NCBI Protein Information	alanine aminotransferase 1
UniProt Protein Name	Alanine aminotransferase 1
UniProt Gene Name	Gpt
UniProt Synonym Gene Names	Gpt1; ALT1; GPT 1

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/gpt-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150196>