

RP00040

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Recombinant Human cAspAT/AATC/GOT1 Protein

Catalog No.: RP00040

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2805	P17174

Tags

No tag

Synonyms

AST1; ASTQTL1; GIG18; cAspAT;
cCAT;GOT1;ASTQTL1;GIG18;cAspAT;cCA
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Product Information

Source	Purification
<i>E. coli</i>	> 95% by SDS- PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4. Contact us for
customized product form or formulation.

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting the
protein. For long term storage, it is
recommended to add a carrier protein or
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%
FBS or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize freeze-thaw cycles.

Contact



www.abclonal.com

Background

Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology.

Basic Information

Description

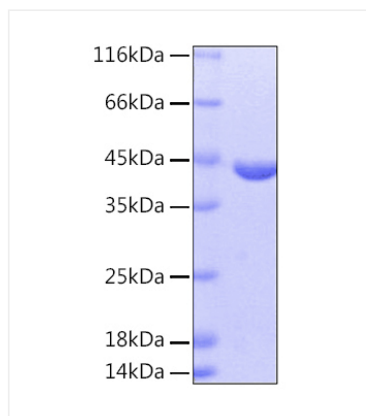
Recombinant Human cAspAT/AATC/GOT1 Protein is produced by <i>E. coli</i> expression system. The target protein is expressed with sequence (Ala2-Gln413) of human cAspAT (Accession #NP_002070.1).

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human cAspAT/AATC/GOT1
Protein was determined by SDS-PAGE with
Coomassie Blue, showing a band at
approximately 40 kDa.