Leader in Biomolecular Solutions for Life Science

www.abclonal.com

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;cCAT

Product Information

Source	Purification
E. coli	> 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

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.

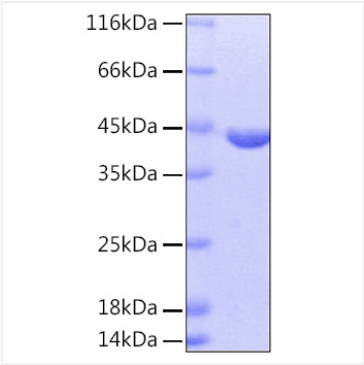
Basic Information

Description
Recombinant Human cAspAT/AATC/GOT1 Protein is produced by *E. coli* 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.