

Recombinant Human GOT1 Protein

Cat. No. GOT1 -154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GOT1(Ala2-Leu414) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Leu414
Description	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.
Form	20mM Tris-HCl, 100mM NaCl, 2mM DTT, 20% Glycerol, pH 7.5.
Molecular Mass	47.3 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Storage	Stable for at least 3 months from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	GOT1 glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) [Homo sapiens]
Official Symbol	GOT1
Synonyms	GOT1; glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1); aspartate aminotransferase, cytoplasmic; transaminase A; growth-inhibiting protein 18; glutamate oxaloacetate transaminase 1; GIG18; ASTQTL1;
Gene ID	2805
mRNA Refseq	NM_002079
Protein Refseq	NP_002070
MIM	138180
UniProt ID	P17174

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