Recombinant Human GOT2, His-tagged

Cat. No. GOT2-13399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GOT2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	82-430a.a.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	GOT2 glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2) [Homo sapiens]
Official Symbol	GOT2
Synonyms	GOT2; glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2); aspartate aminotransferase, mitochondrial; KAT4; KATIV; kynurenine aminotransferase IV; mitAAT; FABP-1; FABPpm; mAspAT; transaminase

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	A; fatty acid-binding protein; glutamate oxaloacetate transaminase 2; plasma membrane-associated fatty acid-binding protein; FLJ40994;
Gene ID	2806
mRNA Refseq	NM_002080
Protein Refseq	NP_002071
MIM	138150
UniProt ID	P00505
Chromosome Location	16q21
Pathway	Alanine and aspartate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Amino acid synthesis and interconversion (transamination), organism-specific biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Cysteine and methionine metabolism, organism-specific biosystem;
Function	L-aspartate:2-oxoglutarate aminotransferase activity; L-aspartate:2-oxoglutarate aminotransferase activity; L-aspartate:2-oxoglutarate aminotransferase activity; L-phenylalanine:2-oxoglutarate aminotransferase activity; pyridoxal phosphate binding;

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