

Recombinant Full Length Human GOT2 Protein, GST-tagged

Cat. No. GOT2-5446HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GOT2 full-length ORF (AAH00525.1, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	430 amino acids
Description	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane 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. [provided by RefSeq
Molecular Mass	73.9 kDa
AA Sequence	MALLHSGRVLPGLIAAAFHPGLAAAASARASSWWTHVEMGPPDPILGVTEAFKRDTN SKKMNLGVGAYRDDNGKPYVLPVSRKAEQAIAAKNLKEYLPIGGLAEFCKASAELA LGENSEVLKSGRFVTVQTISGTGALRIGASFLQRFFKFSRDVFLPKPTWGNHTPIFRD AGMQLQGYRYYPKTCGFDFTGAVEDISKIPEQSVLLLHACAHNPTGVDPRPEQWK EIATVVKKRNLF AFFDMAYQGFASGDGDKDAWAVRHFIEQGINVCLCQSYAKNMGL YGERVGAFTMVCKDADEAKRVESQLKILIRPMYSNPPLNGARIAAAAILNTPDLRKQW LQEVKVMADRIIGMRTQLVSNLKKEGSTHNWQHITDQIGMFCFTGLKPEQVERLIKE FSIYMTKDGRISVAGVTSSNVGYLAHAIHQATK

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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 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

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UniProt ID

P00505

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