

## Recombinant Human GOT2 Protein, GST-tagged

Cat. No. GOT2-5128H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GOT2 full-length ORF ( AAH00525.1, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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
<b>Molecular Mass</b>	73.9 kDa
<b>AA Sequence</b>	MALLHSGRVLPGIAAAFHPGLAAAASARASSWTHVEMGPPDPILGVTEAFKRDTN SKKMNLGVGAYRDDNGKPYVLPVSRKAEAQIAAKNLDKEYLPIGGLAEFCKASAELA LGENSEVLKSGRFVTVQTISGTGALRIGASFLQRFFKFSRDVFLPKPTWGNHTPIFRD AGMQLQGYRYYPKTCGFDFGTGAVEDISKIPEQSVLLLHACAHNPTGVDPRPEQWK EIATVVKKRNLFAPFDMAYQGFASGDGDKDAWAVRHFIEQGINVCLCQSYAKNMGL YGERVGAFTMVCKDADEAKRVESQLKILIRPMYSNPPLNGARIAAAAILNTPDLRKQW LQEVKVMADRIIGMRTQLVSNLKKEGSTHNWQHITDQIGMFCFTGLKPEQVERLIKE FSIYMTKDGRISVAGVTSSNVGYLAHAIHQATK
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GOT2 glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2) [ Homo sapiens ]
<b>Official Symbol</b>	GOT2
<b>Synonyms</b>	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;
<b>Gene ID</b>	2806
<b>mRNA Refseq</b>	NM_002080
<b>Protein Refseq</b>	NP_002071
<b>MIM</b>	138150

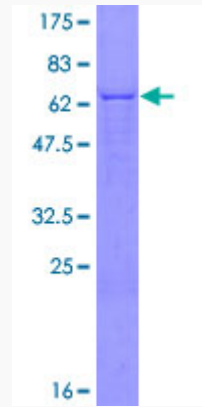
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UniProt ID P00505

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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