

# Recombinant Human GOT2 lysate

**Cat. No.** GOT2-302HCL    **Lot. No.** (See product label)

## SPECIFICATION

|                            |                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer     |
| <b>Species</b>             | Human                                                                                    |
| <b>Source</b>              | HEK293                                                                                   |
| <b>Molecular Mass</b>      | 50842.85Da                                                                               |
| <b>Recommended Usage</b>   | WB                                                                                       |
| <b>Storage Instruction</b> | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                      |
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| <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; |

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| <b>Gene ID</b>             | 2806                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>         | NM_002080                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>      | NP_002071                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MIM</b>                 | 138150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>          | P00505                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Chromosome Location</b> | 16q21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Pathway</b>             | 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; |
| <b>Function</b>            | 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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