

# Recombinant Human GOT1L1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** GOT1L1-3299H **Lot. No.** (See product label)

## SPECIFICATION

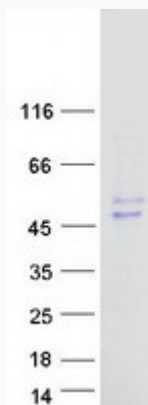
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | GOT1L1 MS Standard C13 and N15-labeled recombinant protein (NP_689626) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | In eukaryotes there are cytoplasmic, mitochondrial and chloroplastic isozymes.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 47.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MPTLSVFMDVPLAHKLEGSLLKTYKQDDYPNKIFLAYRVCMTNEGHPWVSLVVQKT<br>RLQISQDPSLNYEYLPTMGLKSFIQASLALLFGKHSQAIVENRVGGVHTVGDGSAFQ<br>LGVQFLRAWHKDARIVYIISQKELHGLVFQDMGFTVYEYSVWDPKKLCMDPDILLN<br>VVEQIPHGCVLVMGNIIDCKLTPSGWAKLMSMIKSKQIFPFFDIPCQGLYTSGLEEDT<br>RILQYFVSQGFEEFFCSQSLSKNFGIYDEGVGMLVVAVNNQQLLCVLSQLEGLAQAL<br>WLNPPNTGARVITSILCNPALLGEWKQSLKEVVENIMLTKEKVKEKLQLLGTPGSWG<br>HITEQSGTHGYLGLNSQQVEYLVRKKHIYIPKNGQINFSCINANNINYITEGINEAVLLT<br>ESSEMCLPKEKKTIGIKLTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                                                                                                                                                                     |

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                            |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                                          |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                                                                |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                        |
| <b>Gene Name</b>        | GOT1L1 glutamic-oxaloacetic transaminase 1-like 1 [ Homo sapiens (human) ]                                                                                                                             |
| <b>Official Symbol</b>  | GOT1L1                                                                                                                                                                                                 |
| <b>Synonyms</b>         | GOT1L1; glutamic-oxaloacetic transaminase 1-like 1; putative aspartate aminotransferase, cytoplasmic 2; MGC33309; transaminase A-like protein 1; glutamate oxaloacetate transaminase 1-like protein 1; |
| <b>Gene ID</b>          | 137362                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>      | NM_152413                                                                                                                                                                                              |
| <b>Protein Refseq</b>   | NP_689626                                                                                                                                                                                              |
| <b>UniProt ID</b>       | Q8NHS2                                                                                                                                                                                                 |

**SDS-PAGE**

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