

# Recombinant Human Glutamic-Oxaloacetic Transaminase 1/GOT1 Protein



Catalog Number:PDEH100118

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

<b>Synonyms</b>	GOT1
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Ala2-Leu414
<b>Accession</b>	P17174
<b>Calculated Molecular Weight</b>	46.3 kDa
<b>Observed molecular weight</b>	46 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of PBST, pH 7.4.
<b>Reconstitution</b>	Not Applicable

## Background

Glutamate Oxaloacetate Transaminase 1 (GOT1) is a cytoplasmic protein. GOT1 belongs to the class-I pyridoxal-phosphate-dependent aminotransferase family. GOT1 is a pyridoxal phosphate-dependent enzyme that exists in cytoplasmic and mitochondrial forms. GOT1 plays a key role in amino acid metabolism and the urea and tricarboxylic acid cycles. GOT1 involves in L-methionine salvage from methylthioadenosine, aspartate catabolic process, cellular response to insulin stimulus, polyamine metabolic process, and glucocorticoid stimulus.

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