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Datasheet for ABIN7505032
GOT1 Protein (AA 2-414)

Overview

Quantity:	100 µg
Target:	GOT1
Protein Characteristics:	AA 2-414
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	Ala2-Leu414
Characteristics:	Recombinant Human Glutamate Oxaloacetate Transaminase 1 is produced by our E.coli expression system and the target gene encoding Ala2-Leu414 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.

Target Details

Target:	GOT1
Alternative Name:	Glutamic-Oxaloacetic Transaminase 1 (GOT1 Products)
Background:	Abbreviation: GOT1 Target Synonym: GOT1 Background: Glutamate Oxaloacetate Transaminase 1 (GOT1) is a cytoplasmic protein. GOT1 belongs to the class-I pyridoxal-phosphate-dependent aminotransferase family. GOT1 is a

Target Details

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.

Molecular Weight: Calculated MW: 46.3 kDa
Observed MW: 46 kDa

UniProt: [P17174](#)

Pathways: [Hepatitis C](#), [Monocarboxylic Acid Catabolic Process](#), [Methionine Biosynthetic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied as a 0.2 um filtered solution of PBST, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Expiry Date: 12 months