Datasheet for ABIN7505032

GOT1 Protein (AA 2-414)

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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:	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

Target Details

	in L-methionine salvage from methylthioadenosine, aspartate catabolic process, cellular response to insulin stimulus, polyamine metabolic process, and glucocorticoid stimulus.
Molecular Weight:	46.3 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 µm filtered solution of PBST, pH 7.4
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

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