

Recombinant Human Glutamic-Oxaloacetic Transaminase 1/GOT1 Protein



Catalog Number:PDEH100118

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

Description

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

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	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.
Formulation	Supplied as a 0.2 µm filtered solution of PBST, pH 7.4.
Reconstitution	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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