

32-7126: Recombinant Human Glutamate Oxaloacetate Transaminase 1/GOT1 (C-6His)

Gene : GOT1
Gene ID : 2805
Uniprot ID : P17174

Description

Source: E.coli.
MW :47.31kD.

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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 2mM DTT, 20% Glycerol, pH 7.5 .
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : APPSVFAEVPQAQPVLVFKLTADFREDPDPKVNLVGVGAYRTDDCHPWVLPVVKVEQKIANDNSLNHEYLPIL
GLAEFRSCASRLALGDDSPALKEKRVGGVQSLGGTGALRIGADFLARWYNGTNNKNTPVYVSSPTWENHNAV
FSAAGFKDIRSYRYWDAEKRGDLQGFNLNDLENAPEFSIVVLHACAHNPTGIDPTPEQWKQIASVMKHRFLFPF
FDSAYQGFASGNLERDAWAIYFVSEGFEEFFCAQSFKNFGLYNERVGNLTVVGKEPESILQVLSQMEKIVRIT
WSNPPAQGARIVASTLSNPELFEEWTGNVKTADRILTMRELRARLEALKTPGTWNHITDQIGMFSFTGLNPK
QVEYLVNEKHIYLLPSGRINVSGLTTKNLDYVATSIHEAVTKIQLEHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.