

**Recombinant Human Glutamate Oxaloacetate Transaminase 1/GOT1 Protein(C-6His)**

**Cat.NO.: TP05542**

3th Edition

**Synonyms:**Aspartate Aminotransferase Cytoplasmic; Glutamate Oxaloacetate Transaminase 1; Transaminase A; GOT1

**Description:**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.

**Form:**PBS

**Molecular Weight:**47.3 kDa

**Sequences:**Ala2-Leu414

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.