

32-6770: GOT1 Mouse

Alternative Name : Aspartate aminotransferase, cytoplasmic, cAspAT, Cysteine aminotransferase, cytoplasmic, Cysteine transaminase, cytoplasmic, cCAT, Glutamate oxaloacetate transaminase 1, Transaminase A.

Description

Source: Escherichia Coli.

Sterile filtered colorless solution.

GOT1 is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and mitochondrial forms, GOT1 and GOT2, which participate in amino acid metabolism and the urea and tricarboxylic acid cycles. Both enzymes are homodimeric and show close homology.

GOT1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 436 amino acids (1-413a.a) and having a molecular mass of 48.6kDa. GOT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : GOT1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMAAPPVF AQVPQAPPVL VFKLTADFRD DPDPKRVNLG
VGAYRTDESQ PWVLPVVRKV EQKIANDNSL NHEYLPILGL AEFRSCASRL VLGDNPAIR ENRVGGVQSL
GGTGALRIGA DFLGRWYNGT DNKNTPIYVS SPTWENHNAV FSAAGFKDIR PYCYWDAEKR
GLDLQGFLND LENAPEFSIF VLHACAHNPT GTDPTPEQWK QIAAVMQRRF LPPFFDSAYQ GFASGDLEKD
AWAIRYFVSE GFELCAQSF SKNFGLYNER VGNLTVVGKE SDSVLRVLSQ MEKIVRITWS NPPAQGARIV
AATLSDPELF KEWKGNVKT M ADRILTMRSR LRARLEALKT PGTWWHITEQ IGMFSFTGLN PKQVEYLVNE
KHILLPSGR INMCGLTTKN LDYVATSIHE AVTKIQ.