

## 32-2383: GOT1 Recombinant Protein

**Alternative Name :** EC 2.6.1.1,Aspartate aminotransferase 1,Transaminase A,GIG18.

### Description

Source : Escherichia Coli. GOT1 Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 433 amino acids (1-413 a.a.) and having a molecular mass of 48.4 kDa. The GOT1 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. 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.

### Product Info

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| <b>Amount :</b>            | 25 µg  |
| <b>Purification :</b>      | Greater than 95.0% as determined by SDS-PAGE.  |
| <b>Content :</b>           | GOT1 Human solution containing 20mM Tris HCL pH-8.0, 2mM DTT, 0.1M NaCl & 20% glycerol.  |
| <b>Storage condition :</b> | GOT1 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C.<br>Please prevent freeze thaw cycles.   |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSSLVPRGSH MAPPSVFAEV PQAQPVLVFK LTADFREDPD PRKVN LGVGA<br>YRTDDCHPWV LPVVKKVEQK IANDNSLNHE YLPILGLAEF RSCASRLALG DDSPALKEKR VGGVQSLGGT<br>GALRIGADFL ARWYNGTNNK NTPVYVSSPT WENHNAVFS AAGFKDIRSYR YWDAEKRGLD<br>LQGFLNDLEN APEFSIVVLH ACAHNPTGID PTPEQWKQIA SVMKHRFLFP FFDSAYQGFA SGNLERDAWA<br>IRYFVSEGE FFCAQSFSKN FGLYNERVGN LTVVGKPEP ILQVLSQMEK IVRITWSNPP AQQARIVAST<br>LSNPELFEEW TGNVKTADR ILTMRSELRA RLEAKTPGT WNHITDQIGM FSFTGLNPKQ VEYLVNEKHI<br>YLLPSGRINV SGLTTKNLDY VATSIHEAVT KIQ. |