

RPPB1722

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## Product Information    Protein Information

**Product SKU:**

RPPB1722

**Accession:**

P17174

**Host:**

Escherichia Coli.

**Protein description:**

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 a 20 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

EC 2.6.1.1, Aspartate aminotransferase 1, Transaminase A, GIG18.

**Formulation:**

GOT1 Human solution containing 20mM Tris-HCl pH-8.0, 2mM DTT, 0.1M NaCl & 20% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

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 Sequence:**

MGSSHHHHHH SGLVPRGSH MAPPSVFAEV PQAQPVLVFK LTADFREDPD PRKVN LGVGA YRTDDCHPWV  
LPVVKKVEQK IANDNSLNHE YLPILGLAEF RSCASRLALG DDSPALKEKR VGGVQSLGGT GALRIGADFL  
ARWYNGTNNK NTPVYVSSPT WENHNAVFS AAGFKDIRSYR YWDAEKRLD LQGFLNDLEN APEFSIVVLH  
ACAHNPTGID PTPEQWKQIA SVMKHRFLFP FFDSAYQGFA SGNLERDAWA IRYFVSEGFE FCAQSF SKN  
FGLYNERVGN LTVVGKEPES ILQVLSQMEK IVRITWSNPP AQGARIVAST LSNPELFEEW TGNVKT MADR  
ILTMRSELRA RLEALKTPGT WNHITDQIGM FSFTGLNPKQ VEYLVNEKHI YLLPSGRINV SGLTTKNLDY  
VATSIHEAVT KIQ.