

Human GOT2 Recombinant Protein



RPPB1726

Product Information Protein Information

Product SKU:

RPPB1726

Accession:

P00505

Host:

Escherichia Coli.

Protein description:

GOT2 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 424 amino acids (30-430 a.a.) and having a molecular mass of 47kDa. The GOT2 fused to a 23 amino acid his tag at N-terminus and is purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

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

Formulation:

The GOT2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

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 SSGLVPRGSH MGSSSWWTHV EMGPPDPILG VTEAFKRDTN SKKMNLGVGA
YRDDNGKPYV LPSVRKAEAQ IAAKNLDKEY LPIGGLAFC KASAEALGE NSEVLKSGRF VTVQTISGTG
ALRIGASFLQ RFFKFSRDFV LPKPTWGNHT PIFRDAGMQL QGYRYDPKT CGFDFTGAVE DISKIPEQSV
LLLHACAHPN TGVDPRPEQW KEIATVVKKR NLFAFFDMAY QGFASGDGDK DAWAVRHFE QGINVCLCQS
YAKNMGLYGE RVGAFTMVCK DADEAKRVES QLKILIRPMY SNPPLNGARI AAAILNTPDL RKQWLQEVKV
MADRIIGMRT QLVSNLKKEG STHNWQHITD QIGMFCFTGL KPEQVERLIK EFSIYMTKDG RISVAGVTSS
NVGYLAHAIH QVTK.

Biological Activity:

Specific activity is > 60 units/mg, and is defined as the amount of enzyme that convert 1umole of α -ketoglutarate to L-Glutamate per minute at pH 8.0 at 25C.