

Mouse GOT2 Recombinant Protein



RPPB1727

Product Information Protein Information

Product SKU:

RPPB1727

Accession:

P00505

Host:

Escherichia Coli.

Protein description:

GOT2 Recombinant Mouse 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 46.8kDa. Mouse GOT2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Transaminase A, KAT4, KATIV, KAT-4, KAT-IV, Kynurenine Aminotransferase 4.

Formulation:

The GOT2 solution (0.5mg/ml) contains PBS, pH 7.4 and 10% glycerol.

Purity:

Greater than 90.0% 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 MSSWWTHVEM GPPDPILGVT EAFKRDTNSK KMNLGVGAYR DDNGKPYVLP
SVRKAEAQIA AKNLDKEYLP IGGLAEFCKA SAELALGENN EVLKSGRFVT VQTISGTGAL RVGASFLQRF
FKFSRDVFLP KPSWGNHTPI FRDAGMQLQG YRYDPKTCG FDFSGALEDI SKIPEQSVLL LHACAHNPTG
VDPREQWKE IASVVKKNL FAFFDMAYQG FASGDGDKDA WAVRHFIEQG INVCLCQSYA KNMGLYGERV
GAFTVVCKDA EEAKRVESQL KILIRPLYSN PPLNGARIAA TILTSPDLRK QWLQEVKGMA DRIISMRTQL
VSNLKKEGSS HNWQHITDQI GMFCFTGLKP EQVERLTKEF SVYMTKDGRV SVAGVTSGNV GYLAHAIHQV.

Biological Activity:

Activity is greater than 20 units/mg, and is defined as the amount of enzyme that converts 1umole of alpha-ketoglutarate to L-Glutamate per minute at pH 8.0 at 25°C.