

Mouse GOT2 Recombinant Protein



RPPB1728

Product Information Protein Information

Product SKU:

RPPB1728

Accession:

P05202

Host:

Escherichia Coli.

Protein description:

GOT2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 422 amino acids (30-430 aa) and having a molecular mass of 46.8kDa. GOT2 is fused to a 21 amino acid His tag at N-terminus and 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 (0.5 mg/ml) contains 10% Glycerol and Phosphate Buffered Saline (pH7.4)

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 KMN LGV GAYRDDNGKPYVLP
SVRKAEAQIA AKNLDKEYLP IGGLAEFCKA SAELALGENN EVLKSGRFVTVQTISGTGAL RVGASFLQRF
FKFSRDVFLP KPSWGNHTPI FRDAGMQLQG YRYDPKTCGFDFSGALEDI SKIPEQSVLL LHACAHNPTG
VDPRPEQWKE IASVVKKNL FAFFDMAYQGFASGDGDKDA WAVRHFIEQG INVCLCQSYA KNMGLYGERV
GAFTVVCKDA EEAKRVESQLKILIRPLYSN PPLNGARIAA TILTSPDLRK QWLQEVKGMA DRIISMRTQL
VSNLKKEGSSHNWQHITDQI GMFCFTGLKP EQVERLTKEF SVYMTKDGRI SVAGVTSGNV GYLAHAIHQV TK

Biological Activity:

Specific activity is > 20 units/mg. Measured by the amount of enzyme that converts 1umole of alpha-ketoglutarate to L-Glutamate per minute at pH 8.0 at 25C°.