

Product datasheet for AR50767PU-S

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GOT2 (30-430, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: GOT2 (30-430, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

Predicted MW:

MGSSHHHHHH SSGLVPRGSH MGSSSWWTHV EMGPPDPILG VTEAFKRDTN SKKMNLGVGA

YRDDNGKPYV LPSVRKAEAQ IAAKNLDKEY LPIGGLAEFC KASAELALGE NSEVLKSGRF VTVQTISGTG

ALRIGASFLQ RFFKFSRDVF LPKPTWGNHT PIFRDAGMQL QGYRYYDPKT CGFDFTGAVE DISKIPEQSV LLLHACAHNP TGVDPRPEQW KEIATVVKKR NLFAFFDMAY QGFASGDGDK DAWAVRHFIE QGINVCLCQS YAKNMGLYGE RVGAFTMVCK DADEAKRVES QLKILIRPMY SNPPLNGARI AAAILNTPDL RKQWLQEVKV MADRIIGMRT QLVSNLKKEG STHNWQHITD

QIGMFCFTGL KPEQVERLIK EFSIYMTKDG RISVAGVTSS NVGYLAHAIH QVTK

Tag: His-tag

Concentration: lot specific

Purity: >95% by SDS - PAGE

Buffer: Presentation State: Purified

47 kDa

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM

DTI

Preparation: Liquid purified protein

Protein Description: Recombinant human GOT2 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001273149

Locus ID: 2806
UniProt ID: <u>P00505</u>





Cytogenetics: 16q21

Synonyms: DEE82; KAT4; KATIV; KYAT4; mitAAT

Summary: Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists

> in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. Two transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Oct 2013]

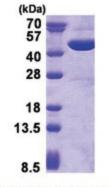
Protein Families: Stem cell - Pluripotency

Protein Pathways: Alanine, aspartate and glutamate metabolism, Arginine and proline metabolism, Cysteine and

methionine metabolism, Metabolic pathways, Phenylalanine, tyrosine and tryptophan

biosynthesis, Phenylalanine metabolism, Tyrosine metabolism

Product images:



15% SDS-PAGE (3ug)