

Product datasheet for **AR50767PU-S**

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:	MGSSHHHHHH SSGLVPRGSH MGSSSWWTHV EMGPPDPILG VTEAFKRDTN SKKMNLGVGA YRDDNGKPYV LPSVRKAEAQ IAAKNLDKEY LPIGGLAFC KASAEALGE NSEVLKSGRF VTVQTISGTG ALRIGASFLQ RFFKFSRDVF LPKPTWGNHT PIFRDAGMQL QGYRYDPKT CGFDFTGAVE DISKIPEQSV LLLHACAHNP TGVDPRPEQW KEIATVVKKR NLFAFFDMAY QGFASGDGDK DAWAVRHIE QGINVCLCQS YAKNMGLYGE RVGAFTMVCK DADEAKRVES QLKILIRPMY SNPPLNGARI AAAILNTPDL RKQWLQEVKV MADRIIGMRT QLVSNLKKEG STHNWQHITD QIGMFCFTGL KPEQVERLIK EFSIYMTKDG RISVAGVTSS NVGYLAHAH QVTK
Tag:	His-tag
Predicted MW:	47 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
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:	P00505



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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:

