

## Product datasheet for **AR50767PU-N**

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

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	GOT2 (30-430, His-tag) human recombinant protein, 0.5 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSSLVPRGSH 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
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	47 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	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
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human GOT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001273149</a>
<b>Locus ID:</b>	2806
<b>UniProt ID:</b>	<a href="#">P00505</a>



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Cytogenetics: 16q21

Synonyms: Aspartate aminotransferase, mitochondrial, mAspAT, Transaminase A, FABP-1, FABPpm

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:

