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Datasheet for ABIN7505774  
**GOT2 Protein (AA 1-413) (His tag)**

### Overview

Quantity:	100 µg
Target:	GOT2
Protein Characteristics:	AA 1-413
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GOT2 protein is labelled with His tag.

### Product Details

Sequence:	Met1-Gln413
Characteristics:	A DNA sequence encoding the Rat AST protein (P13221) (Met1-Gln413) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	GOT2
Alternative Name:	AST ( <a href="#">GOT2 Products</a> )
Background:	Background: Biosynthesis of L-glutamate from L-aspartate or L-cysteine. Important regulator of levels of glutamate, the major excitatory neurotransmitter of the vertebrate central nervous system. Acts as a scavenger of glutamate in brain neuroprotection. The aspartat Synonym: Aspartate aminotransferase, cytoplasmic, cAspAT, Cysteine aminotransferase,

## Target Details

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cytoplasmic, Cysteine transaminase, cytoplasmic, cCAT, Glutamate oxaloacetate transaminase 1, Transaminase A, Got1

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Molecular Weight: 45.32 kDa

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UniProt: [P13221](#)

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Pathways: [Monocarboxylic Acid Catabolic Process](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Buffer: Lyophilized from sterile PBS, pH 7.4.

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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Expiry Date: 12 months

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