

## Recombinant Human OAT Protein, MYC/DDK-tagged

Cat. No. OAT-200H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human OAT protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene encodes the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme in the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA. Mutations that result in a deficiency of this enzyme cause the autosomal recessive eye disease Gyrate Atrophy. Alternatively spliced transcript variants encoding different isoforms have been described. Related pseudogenes have been defined on the X chromosome. [provided by RefSeq, Jan 2010]</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	48.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Gene Name</b>	ornithine aminotransferase [ Homo sapiens ]
<b>Official Symbol</b>	OAT
<b>Synonyms</b>	GACR; HOGA; OATASE; OKT
<b>Gene ID</b>	4942
<b>mRNA Refseq</b>	NM_000274.3
<b>Protein Refseq</b>	NP_000265.1
<b>MIM</b>	613349
<b>UniProt ID</b>	P04181

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