Recombinant Human OAT Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant human OAT protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	48.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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