

Recombinant Human OAT, GST-tagged

Cat. No. OAT-1435H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OAT protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-439aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	OAT ornithine aminotransferase [Homo sapiens]
Official Symbol	OAT
Synonyms	OAT; ornithine aminotransferase; ornithine aminotransferase, mitochondrial; gyrate atrophy; HOGA; Ornithine aminotransferase; ornithine aminotransferase precursor; ornithine delta-aminotransferase; ornithine-delta-aminotransferase; ornithine-oxo-acid aminotransferase; ornithine--oxo-acid aminotransferase; OKT; GACR; OATASE;

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	DKFZp781A11155;
Gene ID	4942
mRNA Refseq	NM_000274
Protein Refseq	NP_000265
MIM	613349
UniProt ID	P04181
Chromosome Location	10q26
Pathway	Amino acid synthesis and interconversion (transamination), organism-specific biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Urea cycle and metabolism of amino groups, organism-specific biosystem;
Function	ornithine-oxo-acid transaminase activity; pyridoxal phosphate binding; transaminase activity; transferase activity;