Recombinant Human OTC Protein, DDK-tagged

Cat. No. OTC-452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human OTC protein, fused to DDK tag at C-terminus, was expressed in Sf9 cells.
Species	Human
Source	Insect Cells
Description	This nuclear gene encodes a mitochondrial matrix enzyme. Missense, nonsense, and frameshift mutations in this enzyme lead to ornithine transcarbamylase deficiency, which causes hyperammonemia. Since the gene for this enzyme maps close to that for Duchenne muscular dystrophy, it may play a role in that disease also. [provided by RefSeq, Jul 2008]
Form	50 mM Tris.HCl, pH 8.0, 100 mM glycine, 10 % glycerol.
Molecular Mass	36.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ornithine carbamoyltransferase [Homo sapiens]

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Official Symbol	OTC
Synonyms	OCTD
Gene ID	5009
mRNA Refseq	NM_000531.5
Protein Refseq	NP_000522.3
MIM	300461
UniProt ID	P00480

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