

## Recombinant Human CDO1 Protein, His-tagged

Cat. No. CDO1-928H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDO1(Met1-Asn200) fused with His tag at C-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-200 a.a.
<b>Description</b>	Initiates several important metabolic pathways related to pyruvate and several sulfur compounds including sulfate, hypotaurine and taurine. Critical regulator of cellular cysteine concentrations. Has an important role in maintaining the hepatic concentration of intracellular free cysteine within a proper narrow range.
<b>Form</b>	20mM Tris-HCl, 1mM DTT, 10% Glycerol, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
<b>Molecular Mass</b>	25.1 kDa
<b>Endotoxin</b>	< 0.1 EU per g protein as determined by LAL test
<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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## GENE INFORMATION

<b>Gene Name</b>	CDO1 cysteine dioxygenase, type I [ Homo sapiens ]
<b>Official Symbol</b>	CDO1
<b>Synonyms</b>	CDO1; cysteine dioxygenase, type I; cysteine dioxygenase type 1; CDO; CDO-I;
<b>Gene ID</b>	1036
<b>mRNA Refseq</b>	NM_001801
<b>Protein Refseq</b>	NP_001792
<b>MIM</b>	603943
<b>UniProt ID</b>	Q16878

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