

Recombinant Human CDO1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CDO1(Met1-Asn200) fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-200 a.a.
Description	Initiates several important metabolic pathways related to pyruvate and several sulfurate 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.
Form	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.
Molecular Mass	25.1 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

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

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