Recombinant Human CDO1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CDO1-1371H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDO1 MS Standard C13 and N15-labeled recombinant protein (NP_001792) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 concentation of intracellular free cysteine within a proper narrow range.
Molecular Mass	23 kDa
AA Sequence	MEQTEVLKPRTLADLIRILHQLFAGDEVNVEEVQAIMEAYESDPTEWAMYAKFDQYR YTRNLVDQGNGKFNLMILCWGEGHGSSIHDHTNSHCFLKMLQGNLKETLFAWPDK KSNEMVKKSERVLRENQCAYINDSVGLHRVENISHTEPAVSLHLYSPPFDTCHAFDQ RTGHKNKVTMTFHSKFGIRTPNATSGSLENNTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

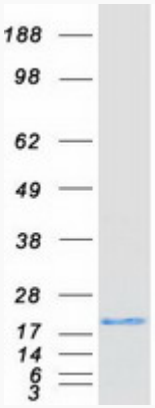
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CDO1 cysteine dioxygenase type 1 [Homo sapiens (human)]
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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SDS-PAGE	

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