

# Recombinant Full Length Human CDO1 Protein, GST-tagged

**Cat. No.** CDO1-3246HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CDO1 full-length ORF (NP_001792.2, 1 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	200 amino acids
<b>Description</b>	CDO1 (Cysteine Dioxygenase Type 1) is a Protein Coding gene. Diseases associated with CDO1 include Hepatoblastoma. Among its related pathways are Viral mRNA Translation and Sulfur amino acid metabolism. GO annotations related to this gene include iron ion binding and cysteamine dioxygenase activity.
<b>Molecular Mass</b>	49.4 kDa
<b>AA Sequence</b>	MEQTEVLKPRTLADLIRILHQLFAGDEVNVVEEVQAIMEAYESDPTEWAMYAKFDQYR YTRNLVDQNGKFNLMILCWGEGHGSSIH DHTNSHCFLKMLQG N LK E T L F A W P D K KSNEMVKKSERVLRENQCAYINDSIGLHRVENISHTPEAVSLHLYSPFDTCHAFDQ RTGHKNKVTMTFHSKFGIRTPNATSGSLENN
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA