

Recombinant Human CDO1 Protein

| Catalog # | Source | Reactivity | Applications |
|---------------------------|---|------------|---------------------|
| CRP1279 | E. coli | Human | E, WB, SDS-PAGE, MS |
| Description | Recombinant Human CDO1 Protein is produced by our E. coli expression system and the target gene encoding Met1-Asn200 is expressed with a 6His tag at the N-terminus. | | |
| Form | Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 1mM DTT, 10% Glycerol, pH 8.0. | | |
| Gene Symbol | CDO1 | | |
| Alternative Names | Cysteine dioxygenase type 1; Cysteine dioxygenase type I; CDO; CDO-I | | |
| Entrez Gene | 1036 (Human) | | |
| SwissProt | Q16878 (Human) | | |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. | | |
| Chemical Structure | MGSSHHHHHH SSGLVPRGSH MEQTEVLKPR TLADLIRILH QLFAGDEVNV EEVQAIMEAY ESDPTEWAMY AKFDQYRYTR NLVDQGNGKF NLMILCWGEG HGSSIHDTN SHCFLKMLQG NLKETLFAWP DKKSNEMVKK SERVLRENQC AYINDSVGLH RVENISHTEP AVSLHLYSPP FDTCHAFDQR TGHKNKVTMT FHSKFGIRTP NATSGSLENN | | |
| Quality Control | Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test. | | |
| Directions for Use | Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. | | |
| Storage/Stability | Store it at -20°C to -80°C for one year. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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