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Cysteine dioxygenase, 1-170 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP01820

第三版

别名:CDO1, CDO

**描述:**Cysteine dioxygenase(CDO1) is a mammalian non-heme iron enzyme that initiates several important metabolic pathways related to pyruvate and several sulfurate compounds including sulfate, hypotaurine and taurine. This protein catalyzes the conversion of L-cysteine to cysteine sulfinic acid (cysteine sulfinic acid) by incorporation of dioxygen.

**配方:**Liquid. In 20mM Tris buffer(pH 8.0) containing 10% glycerol, 1mM DTT.

**分子量:**23.9 kDa (207aa)

**序列:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHEQTEVLKPRTLADLIRILHQLFAGDEVNVEEVQAIME  
AYESDPTEWAMYAKFDQYRYTRNLVDQGNGKFNLMILCWGEGHGSSIHDTNSHCFLKMLQGNLKETLFAWPKKSN  
EMVKKSERVLRENQCAYINDSVGLHRVENISHTEPVSLHLYSPPFDTCHAFDQR

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.