

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

HAO1, 1-370aa, Human, His tag, E.coli

产品货号: TP02398

第三版

别名: Hydroxyacid oxidase 1, GOX (glycolate oxidase), GOX1, HAOX1.

描述: HAO1, also known as glycolate oxidase, is a member of the superfamily of the alpha hydroxy acid oxidases (HAO) enzymes. It catalyzes the FMN mediated oxidation of glycolate to glyoxylate and glyoxylate to oxalate with reduction of oxygen to hydrogen peroxide. It is most highly expressed in liver and pancreas and is most active on two carbon substrates such as glycolate.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.5M NaCl

分子量: 45.0 kDa(406aa), confirmed by MALDI-TOF

序列:

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MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMLPRLICINDYEQHAKSVLPKSIYDYRSGANDEETLADN
IAAFSRWKLYPRMLRNVAETDLSTSVLGQRVSMPICVGATAMQRMAHVDGELATVRACQSLGTGMMLSSWATSSIEEVA
EAGPEALRWLQLYIKDREVTKKLVQRQAEKMGYKAIFVTVDTPYLGNRLLDDVRNRFKLPQRLMKNFETSTLSFSPEENFG
DDSGLAAYVAKAIDPSISWEDIKWLRRRLTSLPIVAKGILRGDDAREAVKHGLNGILVSNHGARQLDGV PATIDVLPEIVEA
VEGKVEVFLDGGVRKGTDLKALALGAKAVFVGRPIVWGLAFQGEKGVQDVLEILKEEFRLAMALSGCQNVKVIDKTLV
RKNPLAVSKI
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纯度: > 95% by HPLC

浓度: 1.0 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.