

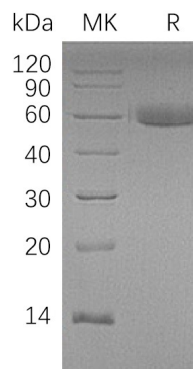
产品名称: Recombinant Human HAO1 (N-Trx-6His)  
产品货号: PEH0817



## 概述 (Summary)

英文全称	Hydroxyacid oxidase 1/HAO1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Hydroxyacid Oxidase 1 is produced by our E.coli expression system and the target gene encoding Met1-Ile370 is expressed with a Trx, 6His tag at the N-terminus.
Accession #	Q9UJM8
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	58.6 KDa
制剂 (Form)	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

## 电泳图 (SDS-PAGE image)



## 背景 (Background)

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**分子别名 (Alternative Names)**

Hydroxyacid Oxidase 1; HAOX1; Glycolate Oxidase; GOX; HAO1; GOX1; HAOX1

**背景介绍 (References)**

Hydroxyacid Oxidase 1 (HAO1) is an enzyme that belongs to the FMN-Dependent  $\alpha$ -Hydroxy Acid Dehydrogenase family. HAO1 contains 1 FMN Hydroxy Acid Dehydrogenase domain. HAO1 is expressed primarily in the liver and pancreas. This protein has 2-Hydroxyacid Oxidase activity. Most HAO1 is active on the 2-Carbon substrate Glycolate, but it can also be active on 2-Hydroxy fatty acids, with higher activity towards 2-Hydroxy Palmitate and 2-Hydroxy Octanoate.

**注意事项 (Note)**

For research use only .