

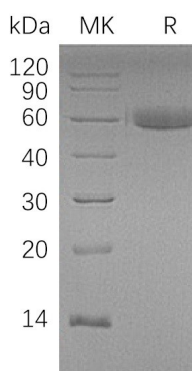
Product Name: Recombinant Human HAO1 (N-Trx-6His)
Catalog #: PEH0817



Summary

Name	Hydroxyacid oxidase 1/HAO1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
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
Host	E.coli
Species	Human
Predicted Molecular Mass	58.6 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
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.
Reconstitution	

SDS-PAGE image



Background

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

Background Hydroxyacid Oxidase 1 (HAO1) is an enzyme that belongs to the FMN-Dependent

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α -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.

Note

For Research Use Only , Not for Diagnostic Use.