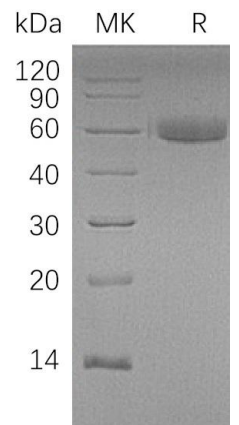


Recombinant Human HAO1

Catalog#:P01850 Derived from *E.coli*

DESCRIPTION	<p>Recombinant Human Hydroxyacid Oxidase 1 is produced by our <i>E.coli</i> expression system and the target gene encoding Met1-Ile370 is expressed with a Trx, 6His tag at the N-terminus.</p> <p>Accession#: Q9UJM8</p> <p>Known as: Hydroxyacid Oxidase 1; HAOX1; Glycolate Oxidase; GOX; HAO1; GOX1; HAOX1</p>
FORMULATION	Supplied as a 0.2µm filtered solution of PBS, pH 7.4.
SHIPPING	<p>The product is shipped on dry ice/polar packs.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Store at ≤-70°C, stable for 6 months after receipt.</p> <p>Store at ≤-70°C, stable for 3 months under sterile conditions after opening.</p> <p>Please minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass:58.6kDa AP Mol Mass:56kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1ng/µg (1 EU/µg) as determined by LAL test.</p>
BACKGROUND	<p>Hydroxyacid Oxidase 1 (HAO1) is an enzyme that belongs to the FMN-Dependent α-Hydroxy Acid Dehydrogenase family. HAO1 contains 1 FMN Hydroxy Ccid 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.</p>
<p>SDS-PAGE</p>  <p>kDa MK R</p> <p>120</p> <p>90</p> <p>60</p> <p>40</p> <p>30</p> <p>20</p> <p>14</p>	