

Datasheet for ABIN2723141

HAO1 Protein (Myc-DYKDDDDK Tag)



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1 Image

Overview

Quantity:	20 µg
Target:	HAO1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAO1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

- Characteristics:
- Recombinant human Hydroxyacid oxidase 1 / HAOX1 protein expressed in HEK293 cells.
 - Produced with end-sequenced ORF clone

Purity: > 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target: HAO1

Alternative Name: Hydroxyacid Oxidase 1,haox1 ([HAO1 Products](#))

Background: This gene is one of three related genes that have 2-hydroxyacid oxidase activity yet differ in encoded protein amino acid sequence, tissue expression and substrate preference. Subcellular location of the encoded protein is the peroxisome. Specifically, this gene is expressed primarily in liver and pancreas and the encoded protein is most active on glycolate, a two-carbon substrate. The protein is also active on 2-hydroxy fatty acids. The transcript detected at high

Target Details

levels in pancreas may represent an alternatively spliced form or the use of a multiple near-consensus upstream polyadenylation site.

Molecular Weight: 40.7 kDa

NCBI Accession: [NP_060015](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

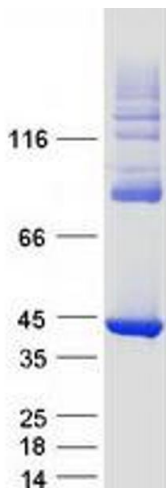
Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot