

Recombinant Human HAO2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HAO2-5763H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

HAO2 MS Standard C13 and N15-labeled recombinant protein (NP_001005783) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene is one of three related genes that have 2-hydroxyacid oxidase activity. The encoded protein localizes to the peroxisome has the highest activity toward the substrate 2-hydroxypalmitate. Alternative splicing results in multiple transcript variants.

Molecular Mass

38.8 kDa

AA Sequence

MSLVCLTDFQAHAREQLSKSTRDFIEGGADDSITRDDNIAAFKRIRLRPRYL RDVSEV
DTRTTIQGEEISAPICIAPTGFHCLVWPDGEMSTARAAQAAGICYITSTFASCSLEDIVI
AAPEGLRWFQLYVHPDLQLNKQLIQRVESLGFKALVITLDTPVCNRRHDIRNQLRR
NLTLTDLQSPKKGNAIPYFQMTPISTSLCWNDLSWFQSITRLPIILKGILTKEAELAVK
HNVQGIIVSNHGGRQLDEVLASIDALTEVVAAVKKGKIEVYLDGGVVRTGNDVLKALALG
AKCIFLGRPILWGLACKGEHGVKEVLNILTNEFHTSMALTGCRSVAEINRNLVQFSRL
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HAO2 hydroxyacid oxidase 2 [Homo sapiens (human)]
Official Symbol	HAO2
Synonyms	HAO2; hydroxyacid oxidase 2 (long chain); hydroxyacid oxidase 2; (S) 2 hydroxy acid oxidase; GIG16; glycolate oxidase; growth inhibiting protein 16; HAOX2; long chain L 2 hydroxy acid oxidase; growth-inhibiting protein 16; long-chain L-2-hydroxy acid oxidase; long chain alpha-hydroxy acid oxidase; cell growth-inhibiting gene 16 protein; (S)-2-hydroxy-acid oxidase, peroxisomal;
Gene ID	51179
mRNA Refseq	NM_001005783
Protein Refseq	NP_001005783
MIM	605176
UniProt ID	Q9NYQ3

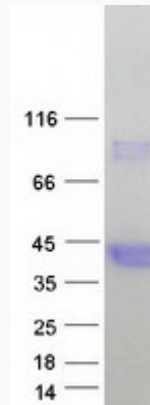
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA