

Recombinant Full Length Human HAO2 Protein, C-Flag-tagged

Cat. No. HAO2-906HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HAO2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.7 kDa
AA Sequence	<pre> MSLVCLTDFQAHAREQLSKSTRDFIEGGADDSITRDDNIAAFKRIRLRPRYL RDVSEV DTRTTIQGEEIS APICIAPTGFHCLVWPDGEMSTARAAQAAGICYITSTFASCSLEDIV IAAPEGLRWFQLYVHPDLQLNKQ LIQRVESLGFKALVITLDTPVCGNRRRHDIRNQLR RNLTLTDLQSPKKGNAIPYFQMTPISTSLCWNDSLW FQSITRLPIILKGILTKEDAELA VKHNVQGIIVSNHGGRQLDEVLASIDALTEVVAAVKKGKIEVYLDGGV RTGNDV LKAL ALGAKCIFLGRPILWGLACKGEHGVKEVLNILTNEFHTSMALTGCRSVAEINRNLVQF SR LTRTRPLEQKLISEEDLAANDILDYKDDDDKV </pre>

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Glyoxylate and dicarboxylate metabolism, Metabolic pathways
Full Length	Full L.

GENE INFORMATION

Gene Name	HAO2 hydroxyacid oxidase 2 [Homo sapiens (human)]
Official Symbol	HAO2
Synonyms	GIG16; HAOX2
Gene ID	51179
mRNA Refseq	NM_001005783.3
Protein Refseq	NP_001005783.2
MIM	605176

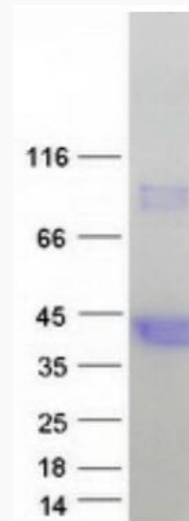
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UniProt ID

Q9NYQ3



Coomassie blue staining of purified HAO2 protein.

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