

Recombinant Human HAO2 Protein (2-351 aa), His-SUMO-tagged

Cat. No. HAO2-2241H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human HAO2 Protein (2-351 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Tags & Cell Markers. Protein Description: Full Length of Mature Protein.

Species Human

Source E.coli

ProteinLength 2-351 aa

Description Catalyzes the oxidation of L-alpha-hydroxy acids as well as, more slowly, that of L-alpha-amino acids.

Form Tris-based buffer,50% glycerol

Molecular Mass 54.7 kDa

AA Sequence

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SLVCLTDFQAHAREQLSKSTRDFIEGGADDSITRDDNIAAFKRIRLRPRYL RDVSEVD
TRTTIQGEEISAPICIAPTGFHCLVWPDGEMSTARAAQAAGICYITSTFASCSLEDIVIA
APEGLRWFQLYVHPDLQLNKQLIQRVESLGFKALVITLDT PVCGNRRHDIRNQLRRN
LTLTDLQSPKKGNAIPYFQMTPISTSLCWNDLSWFQSITRLPIILKGILTKEDAELAVKH
NVQGIIVSNHGGRQLDEVLASIDALTEVVAAVKKGKIEVYLDGGVVRTGNDVLKALALGA
KCIFLGRPILWGLACKGEHGVKEVLNILTNEFHTSMALTGCRSVAEINRNLVQFSRL

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

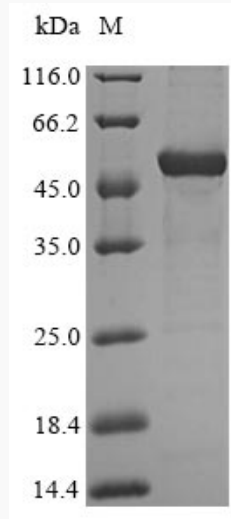
GENE INFORMATION

Gene Name	HAO2 hydroxyacid oxidase 2 (long chain) [Homo sapiens]
Official Symbol	HAO2
Synonyms	HAO2; hydroxyacid oxidase 2; GIG16; glycolate oxidase; growth inhibiting protein 16; HAOX2;
Gene ID	51179
mRNA Refseq	NM_001005783
Protein Refseq	NP_001005783
MIM	605176
UniProt ID	Q9NYQ3

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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