

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	SLVCLTDFQAHAREQLSKSTRDFIEGGADDSITRDDNIAAFKRIRLRPRYL RDVSEVD TRTTIQGEEISAPICIAPTGFHCLVWPDGEMSTARAAQAAGICYITSTFASCSLEDIVIA APEGLRWFQLYVHPDLQLNKQLIQRVESLGFKALVITLDT PVCGNRRHDIRNQLRRN LTLTDLQSPKKGNAIPYFQMTPISTSLCWNDLSWFQSITRLPIILKGILTKEDAELAVKH NVQGIIVSNHGGRQLDEVLASIDALTEVVAAVKGKIEVYLDGGVRTGNDVLKALALGA 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.

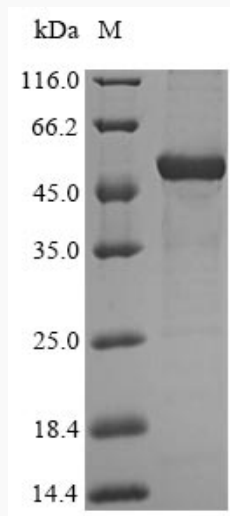
GENE INFORMATION

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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