

Hydroxyacid oxidase 1 (Hao1) Recombinant Protein | Hao1 recombinant protein

Recombinant Mouse Hydroxyacid oxidase 1 (Hao1)

CATALOG #
AAA117451

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

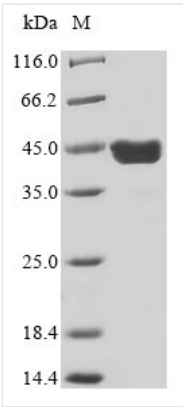
PRODUCT SYNONYMS

Hydroxyacid oxidase 1 (Hao1); Recombinant Mouse Hydroxyacid oxidase 1 (Hao1); Hydroxyacid oxidase 1; HAOX1; EC=1.1.3.15; Glycolate oxidase; GOX; Hao1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-370aa; Full Length
Sequence	MLPRLVCISD YEQHVRSVLQ KSVYDYRSG ANDQETLADN IQAFSRWKLY PRMLRNVADI DLSTSVLGQR VSMPICVGAT AMQCMahVDG ELATVRACQT MGTGMMMLSSW ATSSIEEVAE AGPEALRWMQ LYIYKDREIS RQIVKRAEKQ GYKAIFVTVD TPYLGNRIDD VRNRFKLPPQ LRMKNFETND LAFSPKGNFG DNSGLAEYVA QAIDPSLSWD DITWLRRLTS LPIVVKGILR GDDAKEAVKH GVDGILVSNH GARQLDGVPA TIDVLPEIVE AVEGKVEVFL DGGVRKGTDV LKALALGAKA VFVGRPIIWG LAFQGEKGVQ DVLEILKEEF RLAMALSGCQ NVKVIDKTLV RKNPLAVSKI
Sequence Length	370
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Hao1 recombinant protein	Has 2-hydroxyacid oxidase activity. Most active on the 2-carbon substrate glycolate, but is also active on 2-hydroxy fatty acids, with high activity towards 2-hydroxy palmitate and 2-hydroxy octanoate (By similarity).
Product Categories/Family for Hao1 recombinant protein	Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754156
NCBI GeneID	15112
NCBI Accession #	NP_034533.1
NCBI GenBank Nucleotide #	NM_010403.2
UniProt Accession #	Q9WU19
Molecular Weight	45 kDa
NCBI Official Full Name	hydroxyacid oxidase 1
NCBI Official Synonym Full Names	hydroxyacid oxidase 1, liver
NCBI Official Symbol	Hao1
NCBI Official Synonym Symbols	GOX; Gox1; Hao-1
NCBI Protein Information	hydroxyacid oxidase 1; HAOX1; glycolate oxidase 1
UniProt Protein Name	Hydroxyacid oxidase 1
UniProt Gene Name	Hao1
UniProt Synonym Gene Names	Gox1; Hao-1; HAOX1; GOX
UniProt Entry Name	HAOX1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.