



# Recombinant Human 2-Hydroxyacid oxidase 2 (HAO2)

<b>Product Code</b>	CSB-BP882145HU
<b>Abbreviation</b>	HAO2
<b>Storage</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NYQ3
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SLVCLTDFQ AHAREQLSKS TRDFIEGGAD DSITRDDNIA AFKRIRLRPR YLRDVSEVDT RTTIQGEEIS APICIAPTGF HCLVWPDGEM STARAAQAAG ICYITSTFAS CSLEDIVIAA PEGLRWFQLY VHPDLQLNKQ LIQRVESLGF KALVITLDTP VCGNRRHDIR NQLRRNLTLT DLQSPKKGNA IPYFQMTPIS TSLCWNDLSW FQSITRLPII LKGILTKEDA ELAVKHNVQG IIVSNHGGRQ LDEVLASIDA LTEVVAAVKG KIEVYLDGGV RTGNDVLKAL ALGAKCIFLG RPILWGLACK GEHGVKEVLN ILTNEFHTSM ALTGCRSVAE INRNLVQFSR L
<b>Source</b>	Baculovirus
<b>Target Names</b>	HAO2
<b>Protein Names</b>	Recommended name: Hydroxyacid oxidase 2 Short name= HAOX2 EC= 1.1.3.15 Alternative name(s): (S)-2-hydroxy-acid oxidase, peroxisomal Cell growth-inhibiting gene 16 protein Long chain alpha-hydroxy acid oxidase Long-chain L
<b>Expression Region</b>	2-351
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.