

Mouse HAO1 Recombinant Protein



RPPB1795

Product Information Protein Information

Product SKU:

RPPB1795

Accession:

Q9WU19

Host:

Escherichia Coli.

Protein description:

HAO1 Mouse Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 393 amino acids (1-370) and having a molecular mass of 43.4 kDa. HAO1 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

(S)-2-hydroxy-acid oxidase; EC 1.1.3.15, Glycolate oxidase, GOX, GOX1MGC142227;GOXMGC142225, HAO1, HAO-1, HAOX1, hydroxyacid oxidase (glycolate oxidase) 1, hydroxyacid oxidase 1, Hydroxyacid Oxidase1, Hydroxyacid Oxidase-1.

Formulation:

HAO1 protein (1mg/ml) is containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMLPRLVC ISDYEQHVRS VLQKSVYDYY RSGANDQETL ADNIQAFSRW
KLYPRMLRNV ADIDLSTSVL GQRVSMPICV GATAMQCM AH VDGLATVRA CQTMGTGMML SSWATSSIEE
VAEAGPEALR WMQLYIYKDR EISRQIVKRA EKQGYKAIFV TVDTPYLG NR IDDVNRNFKL PPQLRMKNFE
TNDLAFSPKG NFGDNSGLAE YVAQAIDPSL SWDDITWLRR LTSLPIVVKG ILRGDDAKEA VKHGVDGILV
SNHGARQLDG VPATIDVLPE IVEAVEGKVE VFLDGGVRKG TDVLKALALG AKAVFVGRPI IWGLAFQGEK
GVQDVL EILK EEFRLAMALS GCQNVKVIDK TLVRKNPLAV SKI.

Biological Activity:

Specific activity is > 1,000 pmol/min/ug, and defined as the amount of enzyme that oxidize glyoxylate at pH 8.0 at 25C.