



Recombinant Human AOX1 Protein Product Manual

1. Product Basic Information

Product No.: REP06146

Protein Name: Aldehyde Oxidase (AOX1)

Aliases: AO; AOH1; aldehyde oxidase; aldehyde oxidase azaheterocycle hydroxylase

UniProt ID: Q06278

UniProt Link: <https://www.uniprot.org/uniprotkb/Q06278/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (236-421aa)

Molecular Weight: 24.6kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (236-421aa)

FGSERMMWFSPVTLKELLEFKFKYPQAPVIMGNTSVGPEVKFKGVFHPVIISPDRIE
ELSVVNHAYNGLTLGAGLSLAQVKDILADVQKLPEEKTQMYHALLKHLGTLAGSQI
RNMASLGHHISRHPSDLNPILAVGNCTLNLLSKEGKRQIPLNEQFLSKCPNADLKP
QEILVSVNIPYSRK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause

5. Product Description

This product is a recombinant Human AOX1 partial protein (236-421aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. AOX1, also known as AO or AOH1 or aldehyde oxidase, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.