

## Recombinant Mouse Aox1, His-tagged

**Cat. No.** Aox1-3266M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Aldehyde oxidase (Aox1), partial
<b>Species</b>	Mouse
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	1333
<b>Form</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
<b>Purity</b>	>90%
<b>Notes</b>	Small volumes of Aox1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
<b>Storage</b>	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
<b>Storage Buffer</b>	PBS pH 7.4, 50% glycerol
<b>Warning</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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## GENE INFORMATION

<b>Gene Name</b>	Aox1 aldehyde oxidase 1 [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Aox1
<b>Synonyms</b>	AOX1; aldehyde oxidase 1; aldehyde oxidase; retinal oxidase; aldehyde oxidase 2; Ao; Ro; Aox2; Moro; Aox-1; Aox-2; AI196512; AI255253; MGC13774;
<b>Gene ID</b>	11761
<b>mRNA Refseq</b>	NM_009676
<b>Protein Refseq</b>	NP_033806
<b>Pathway</b>	Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Metabolic pathways, organism-specific biosystem; Nicotinate and nicotinamide metabolism, organism-specific biosystem; Nicotinate and ni
<b>Function</b>	2 iron, 2 sulfur cluster binding; NAD binding; UDP-N-acetylmuramate dehydrogenase activity; aldehyde oxidase activity; aldehyde oxidase activity; catalytic activity; electron carrier activity; flavin adenine dinucleotide binding; iron ion binding; iron-sulfur cluster binding; metal ion binding; molybdopterin cofactor binding; oxidoreductase activity; oxidoreductase activity, acting on CH-OH group of donors;

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