

Recombinant Mouse Aox1, His-tagged

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

SPECIFICATION

Product Overview	Aldehyde oxidase (Aox1), partial
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	1333
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	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.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name	Aox1 aldehyde oxidase 1 [Mus musculus]
Official Symbol	Aox1
Synonyms	AOX1; aldehyde oxidase 1; aldehyde oxidase; retinal oxidase; aldehyde oxidase 2; Ao; Ro; Aox2; Moro; Aox-1; Aox-2; AI196512; AI255253; MGC13774;
Gene ID	11761
mRNA Refseq	NM_009676
Protein Refseq	NP_033806
Pathway	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
Function	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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