Recombinant Mouse Aldh3a1, His-tagged

Cat. No. Aldh3a1-3263M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Aldehyde dehydrogenase, dimeric NADP-preferring (Aldh3a1)
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	453
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 Aldh3a1 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	Aldh3a1 aldehyde dehydrogenase family 3, subfamily A1 [Mus musculus]
Official Symbol	Aldh3a1
Synonyms	ALDH3A1; aldehyde dehydrogenase family 3, subfamily A1; aldehyde dehydrogenase, dimeric NADP-preferring; aldehyde dehydrogenase 4; aldehyde dehydrogenase family 3 member A1; dioxin-inducible aldehyde dehydrogenase 3; alcohol dehydrogenase family 3, subfamily A1; aldehyde dehydrogenase 3, stomach cytosolic (class 3); Ahd4; Aldh; Ahd-4; Aldh3;
Gene ID	11670
mRNA Refseq	NM_001112725
Protein Refseq	NP_001106196
Pathway	Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Glycolysis / Gluconeogenesis, organism-specific biosystem; Glycolysis / Gluconeogenesis, conserved biosystem; Histidine metabolism, org
Function	3-chloroallyl aldehyde dehydrogenase activity; 3-chloroallyl aldehyde dehydrogenase activity; 3-chloroallyl aldehyde dehydrogenase activity; alcohol dehydrogenase (NADP+) activity; aldehyde dehydrogenase (NAD) activity; oxidoreductase activity;

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