

## Recombinant Rat Aldh2, His-tagged

**Cat. No.** Aldh2-3264R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Aldehyde dehydrogenase, mitochondrial (Aldh2)
<b>Species</b>	Rat
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	519
<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 Aldh2 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>	Aldh2 aldehyde dehydrogenase 2 family (mitochondrial) [ Rattus norvegicus ]
<b>Official Symbol</b>	Aldh2
<b>Synonyms</b>	ALDH2; aldehyde dehydrogenase 2 family (mitochondrial); aldehyde dehydrogenase, mitochondrial; ALDH1; ALDH-E2; ALDH class 2; mitochondrial aldehyde dehydrogenase; aldehyde dehydrogenase 2, mitochondrial;
<b>Gene ID</b>	29539
<b>mRNA Refseq</b>	NM_032416
<b>Protein Refseq</b>	NP_115792
<b>Pathway</b>	Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Ascorbate and aldarate metabolism, organism-specific biosystem; Ascorbate and aldarate metabolism, conserved biosystem; Biological oxidatio
<b>Function</b>	aldehyde dehydrogenase (NAD) activity; aldehyde dehydrogenase (NAD) activity; identical protein binding; oxidoreductase activity;

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