

Recombinant Rat Aldh2, His-tagged

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

SPECIFICATION

Product Overview	Aldehyde dehydrogenase, mitochondrial (Aldh2)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	519
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 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.
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	Aldh2 aldehyde dehydrogenase 2 family (mitochondrial) [Rattus norvegicus]
Official Symbol	Aldh2
Synonyms	ALDH2; aldehyde dehydrogenase 2 family (mitochondrial); aldehyde dehydrogenase, mitochondrial; ALDH1; ALDH-E2; ALDH class 2; mitochondrial aldehyde dehydrogenase; aldehyde dehydrogenase 2, mitochondrial;
Gene ID	29539
mRNA Refseq	NM_032416
Protein Refseq	NP_115792
Pathway	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
Function	aldehyde dehydrogenase (NAD) activity; aldehyde dehydrogenase (NAD) activity; identical protein binding; oxidoreductase activity;

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