

## Recombinant Rat Adh7, His-tagged

Cat. No. Adh7-3253R    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Alcohol dehydrogenase class 4 mu/sigma chain (Adh7)
<b>Species</b>	Rat
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	374
<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 Adh7 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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 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	Adh7 alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide [ <i>Rattus norvegicus</i> ]
<b>Official Symbol</b>	Adh7
<b>Synonyms</b>	ADH7; alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide; alcohol dehydrogenase class 4 mu/sigma chain; alcohol dehydrogenase class IV mu/sigma chain; class IV alcohol dehydrogenase, mu or sigma subunit;
<b>Gene ID</b>	171178
<b>mRNA Refseq</b>	NM_134329
<b>Protein Refseq</b>	NP_599156
<b>Pathway</b>	Biological oxidations, organism-specific biosystem; Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Ethanol oxidation, organism-specific biosystem; Fatty Acid Omega Oxidation, organis
<b>Function</b>	NAD binding; alcohol dehydrogenase (NAD) activity; alcohol dehydrogenase (NAD) activity; alcohol dehydrogenase (NAD) activity; alcohol dehydrogenase activity, zinc-dependent; aldehyde oxidase activity; ethanol binding; ethanol binding; metal ion binding; nucleotide binding; oxidoreductase activity; protein homodimerization activity; receptor antagonist activity; retinol binding; retinol binding; retinol dehydrogenase activity; retinol dehydrogenase activity; zinc ion binding; zinc ion binding;

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