

Recombinant Rat Adh7, His-tagged

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

SPECIFICATION

Product Overview	Alcohol dehydrogenase class 4 mu/sigma chain (Adh7)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	374
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 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.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Adh7 alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide [Rattus norvegicus]
Official Symbol	Adh7
Synonyms	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;
Gene ID	171178
mRNA Refseq	NM_134329
Protein Refseq	NP_599156
Pathway	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
Function	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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