

Recombinant Rat Adh5, His-tagged

Cat. No. Adh5-3257R Lot. No. (See product label)

SPECIFICATION

Product Overview	Alcohol dehydrogenase class-3 (Adh5)
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 Adh5 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	Adh5 alcohol dehydrogenase 5 (class III), chi polypeptide [Rattus norvegicus]
Official Symbol	Adh5
Synonyms	ADH5; alcohol dehydrogenase 5 (class III), chi polypeptide; alcohol dehydrogenase class-3; FDH; FALDH; ADH-B2; GSH-FDH; alcohol dehydrogenase 2; alcohol dehydrogenase B2; alcohol dehydrogenase class-III; S-(hydroxymethyl)glutathione dehydrogenase; class III alcohol dehydrogenase, chi subunit; glutathione-dependent formaldehyde dehydrogenase;
Gene ID	100145871
mRNA Refseq	NM_001126120
Protein Refseq	NP_001119592
Pathway	Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Fatty Acid Omega Oxidation, organism-specific biosystem; Fatty acid metabolism, organism-specific biosystem; Fatty acid metabolism, con
Function	S-(hydroxymethyl)glutathione dehydrogenase activity; S-(hydroxymethyl)glutathione dehydrogenase activity; alcohol dehydrogenase (NAD) activity; alcohol dehydrogenase (NAD) activity; alcohol dehydrogenase (NAD) activity; fatty acid binding; fatty acid binding; formaldehyde dehydrogenase activity; formaldehyde dehydrogenase activity; metal ion binding; nucleotide binding; oxidoreductase activity; protein homodimerization activity; protein homodimerization activity; zinc ion binding; zinc ion binding;

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