Recombinant Saccharomyces cerevisiae ADH4 Protein (S2-Y382), Tag Free

Cat. No. ADH4-1005H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Saccharomyces cerevisiae GG-ADH4(S2-Y382 end) Protein was expressed in E. coli.
Species	S.cerevisiae
Source	E.coli
ProteinLength	S2-Y382
Description	Reduces acetaldehyde to ethanol during glucose fermentation. Specific for ethanol. Shows drastically reduced activity towards primary alcohols from 4 carbon atoms upward. Isomers of aliphatic alcohol, as well as secondary alcohols and glycerol are not used at all.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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	protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	ADH4 alcohol dehydrogenase ADH4 [Saccharomyces cerevisiae S288C]
Official Symbol	ADH4
Synonyms	ADH4; alcohol dehydrogenase ADH4; NRC465; ZRG5; alcohol dehydrogenase ADH4; NP_011258.2; Alcohol dehydrogenase isoenzyme type IV; dimeric enzyme demonstrated to be zinc-dependent despite sequence similarity to iron-activated alcohol dehydrogenases; transcription is induced in response to zinc deficiency
Gene ID	852636
mRNA Refseq	NM_001181122
Protein Refseq	NP_011258
UniProt ID	P10127

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