

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

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

SPECIFICATION

Product Overview	Recombinant <i>Saccharomyces cerevisiae</i> GG-ADH4(S2-Y382 end) Protein was expressed in <i>E. coli</i> .
Species	<i>S.cerevisiae</i>
Source	<i>E.coli</i>
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

 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

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

 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