

## Recombinant Human ADH1B Protein (S2-F375), GST tagged

Cat. No. ADH1B-0249H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human (GSS)-GST-TEV-adh2(S2-F375 end)(human) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	S2-F375
<b>Description</b>	Catalyzes the NAD-dependent oxidation of all-trans-retinol and its derivatives such as all-trans-4-hydroxyretinol and may participate in retinoid metabolism. In vitro can also catalyzes the NADH-dependent reduction of all-trans-retinal and its derivatives such as all-trans-4-oxoretinal. Catalyzes in the oxidative direction with higher efficiency. Has the same affinity for all-trans-4-hydroxyretinol and all-trans-4-oxoretinal.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	80%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	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](mailto: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 (pH 8.0), 150 mM NaCl, 5% glycerol.

**Shipping** It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name** [ADH1B alcohol dehydrogenase 1B \(class I\), beta polypeptide \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [ADH1B](#)

**Synonyms** ADH1B; alcohol dehydrogenase 1B (class I), beta polypeptide; ADH2; alcohol dehydrogenase 1B; ADH, beta subunit; aldehyde reductase; alcohol dehydrogenase subunit beta; alcohol dehydrogenase 2 (class I), beta polypeptide;

**Gene ID** [125](#)

**mRNA Refseq** [NM\\_000668](#)

**Protein Refseq** [NP\\_000659](#)

**UniProt ID** [P00325](#)

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