

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

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

SPECIFICATION

Product Overview	Recombinant Human (GSS)-GST-TEV-adh2(S2-F375 end)(human) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	S2-F375
Description	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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	80%
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 (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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