

Recombinant Human ADH4 Protein (M1-F380), GST tagged

Cat. No. ADH4-0253H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GSS)-GST-TEV-adh4(M1-F380 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-F380
Description	Catalyzes the NAD-dependent oxidation of either all-trans-retinol or 9-cis-retinol. Also oxidizes long chain omega-hydroxy fatty acids, such as 20-HETE, producing both the intermediate aldehyde, 20-oxoarachidonate and the end product, a dicarboxylic acid, (5Z,8Z,11Z,14Z)-eicosatetraenedioate. Also catalyzes the reduction of benzoquinone s.
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 4 (class II), pi polypeptide [Homo sapiens (human)]

Official Symbol ADH4

Synonyms ADH4; alcohol dehydrogenase 4 (class II), pi polypeptide; alcohol dehydrogenase 4; ADH 2; aldehyde reductase; alcohol dehydrogenase class II pi chain; ADH-2;

Gene ID 127

mRNA Refseq NM_000670

Protein Refseq NP_000661

MIM 103740

UniProt ID P08319

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