

ADH5 抗原（重组蛋白）

中文名称：ADH5 抗原（重组蛋白）

英文名称：ADH5 Antigen (Recombinant Protein)

别名：alcohol dehydrogenase 5 (class III), chi polypeptide; FDH; ADHX; ADH-3; FALDH; GSNOR; GSH-FDH; HEL-S-60p

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 175-374 amino acids of human ADH5

技术规格：

Full name:	alcohol dehydrogenase 5 (class III), chi polypeptide
Synonyms:	FDH; ADHX; ADH-3; FALDH; GSNOR; GSH-FDH; HEL-S-60p
Swissprot:	P11766
Gene Accession:	BC014665
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. The encoded protein forms a homodimer. It has virtually no activity for ethanol oxidation, but exhibits high activity for oxidation of long-chain primary alcohols and

for oxidation of S-hydroxymethyl-glutathione, a spontaneous adduct between formaldehyde and glutathione. This enzyme is an important component of cellular metabolism for the elimination of formaldehyde, a potent irritant and sensitizing agent that causes laryngitis, rhinitis, pharyngitis, and contact dermatitis. The human genome contains several non-transcribed pseudogenes related to this gene.