

Recombinant Human ALDH3B1 cell lysate

Cat. No. ALDH3B1-58HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This particular gene spans about 20 kb of genomic DNA and is composed of 9 coding exons. The gene is highly expressed in kidney and lung. The functional significance of this gene as well as the cellular localization of its product are presently unknown. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ALDH3B1 aldehyde dehydrogenase 3 family, member B1 [Homo sapiens]
Official Symbol	ALDH3B1
Synonyms	ALDH3B1; aldehyde dehydrogenase 3 family, member B1; ALDH7; aldehyde

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	dehydrogenase family 3 member B1; aldehyde dehydrogenase 3B1; aldehyde dehydrogenase 7; ALDH4; FLJ26433; FLJ34710;
Gene ID	221
mRNA Refseq	NM_000694
Protein Refseq	NP_000685
MIM	600466
UniProt ID	P43353
Chromosome Location	11q13
Pathway	Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Glycolysis / Gluconeogenesis, organism-specific biosystem; Glycolysis / Gluconeogenesis, conserved biosystem; Histidine metabolism, organism-specific biosystem; Histidine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	3-chloroallyl aldehyde dehydrogenase activity; aldehyde dehydrogenase [NAD(P)+] activity; oxidoreductase activity;