

Recombinant Human ALDH3B1 Protein, GST-tagged

Cat. No. ALDH3B1-447H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALDH3B1 full-length ORF (AAH13584, 1 a.a. - 468 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the aldehyde dehydrogenase protein family. 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. The encoded protein is able to oxidize long-chain fatty aldehydes in vitro, and may play a role in protection from oxidative stress. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]
Molecular Mass	77.22 kDa
AA Sequence	MDPLGDTLRRRLREAFHAGRTRPAEFRAAQLQGLGRFLQENKQLLHDALAQDLHKSA FESEVSEVAISQGEVTLALRNLRAWMKDERVPKNLATQLDSAFIRKEPFGLVLIAPW NYPLNLTLPVVGALAAGNCVVLKPSEISKVVEKILAEVLPQYVDQSCFAVVLGGPQE TGQLLEHRFDYIFFTGSPRVGKIVMTAAAKHLTPVTLELGGKNPCYVDDNCDPQTVA NRVAWFYFYNAGQTCVAPDYVLCSPQMQRLLPALQSTITRFYGDGPQSSPNLGRII NQKQFQRLRALLGCGRVAIGGQSDSDRYIAPTVLVDVQEMEPVMQEEIFGPILPIV NVQSLDEAIEFINRREKPLALYAFSNNSSQVVKRVLTQTSSGGFCGNDGFMHMTLASL PFGGVGASGMGRYHKGFSFDTFSHHRACLLRSPGMEKLNALRYPPQSPRRLRMLL

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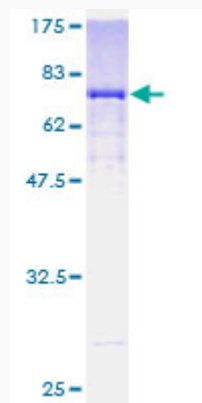
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	VAMEAQGCSTLL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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 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

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12.5% SDS-PAGE Stained with Coomassie Blue.

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