

Recombinant Full Length Human ALDH1B1 Protein, GST-tagged

Cat. No. ALDH1B1-1403HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALDH1B1 full-length ORF (AAH01619, 1 a.a. - 517 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	517 amino acids
Description	This protein belongs to the aldehyde dehydrogenases family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. This gene does not contain introns in the coding sequence. The variation of this locus may affect the development of alcohol-related problems. [provided by RefSeq, Jul 2008]
Molecular Mass	82.61 kDa
AA Sequence	MLRFLAPRL SLQGRTRY SAAALPSPIL NPDIPYNQLF INNEWQDAVS KKTFTVNPT TGEVIGHVAE GDRADVDRV KAAREAFRLG SPWRRMDASE RGRLLNLLAD LVERDRVYLA SLETLDNGKP FQESYALDLD EVIKVYRYFA GWADKWHGKT IPMDGQHFCF TRHEPVGVCQ QIIPWNFPLV MQGWKLAPAL ATGNTVVMKV AEQTPLSALY LASLIKEAGF PPGVVNIITG YGPTAGAAIA QHMDVDKVAE TGSTEVGHLI QKAAGDSNLK RVTLELGGKS PSIVLADADM EHAVEQCHEA LFFNMGQCCC AGSRTFVEES IYNEFLERTV EKAKQRKVGN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PFELDTQQGP QVDKEQFERV LGYIQLGQKE GAKLLCGGER FGERGFFIKP
TVFGGVQDDM RIAKEEIFGP VQPLFKFKKI EEVVERANNT RYGLAAAVFT
RDLDKAMYFT QALQAGTVWV NTYNIVTCHT PFGGFKESGN GRELGEDGLK
AYTEVKTVTI KVPQKNS

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

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

ALDH1B1 aldehyde dehydrogenase 1 family, member B1 [Homo sapiens]

Official Symbol

ALDH1B1

Synonyms

ALDH1B1; aldehyde dehydrogenase 1 family, member B1; ALDH5; aldehyde
dehydrogenase X, mitochondrial; ALDHX; ALDH class 2; aldehyde dehydrogenase 5;
acetaldehyde dehydrogenase 5; MGC2230

Gene ID

219

mRNA Refseq

NM_000692

Protein Refseq

NP_000683

MIM

100670

UniProt ID

P30837

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA