

Recombinant Human ALDH1L1 lysate

Cat. No. ALDH1L1-17HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
Species	Human
Source	HEK293
Molecular Mass	58747.84Da
Recommended Usage	WB
Storage Instruction	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

GENE INFORMATION

Gene Name	ALDH1L1 aldehyde dehydrogenase 1 family, member L1 [Homo sapiens]
Official Symbol	ALDH1L1
Synonyms	ALDH1L1; aldehyde dehydrogenase 1 family, member L1; formyltetrahydrofolate dehydrogenase , FTHFD; cytosolic 10-formyltetrahydrofolate dehydrogenase; 10 fTHF; cytosolic 10 formyltetrahydrofolate dehydrogenase; 10-FTHFDH; formyltetrahydrofolate dehydrogenase; 10-formyltetrahydrofolate dehydrogenase; aldehyde dehydrogenase family 1 member L1; FDH; FTHFD; 10-fTHF; DKFZp781N0997;

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Gene ID	10840
mRNA Refseq	NM_012190
Protein Refseq	NP_036322
MIM	600249
UniProt ID	O75891
Chromosome Location	3q21.2
Pathway	One Carbon Metabolism, organism-specific biosystem; One carbon pool by folate, organism-specific biosystem; One carbon pool by folate, conserved biosystem;
Function	acyl carrier activity; catalytic activity; cofactor binding; formyltetrahydrofolate dehydrogenase activity; hydroxymethyl-, formyl- and related transferase activity; methyltransferase activity; oxidoreductase activity; oxidoreductase activity, acting on the aldehyde or oxo group of donors, NAD or NADP as acceptor;