

ALDH6A1 抗原（重组蛋白）

中文名称：ALDH6A1 抗原（重组蛋白）

英文名称：ALDH6A1 Antigen (Recombinant Protein)

别名：aldehyde dehydrogenase 6 family, member A1; MMSDH; MMSADHA

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human ALDH6A1

技术规格：

Full name:	aldehyde dehydrogenase 6 family, member A1
Synonyms:	MMSDH; MMSADHA
Swissprot:	Q02252
Gene Accession:	BC004909
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 protein belongs to the aldehyde dehydrogenases family of proteins. This enzyme plays a role in the valine and pyrimidine catabolic pathways. The product of this gene, a mitochondrial methylmalonate semialdehyde dehydrogenase, catalyzes the irreversible oxidative decarboxylation of malonate and methylmalonate semialdehydes to acetyl- and propionyl-CoA. Methylmalonate semialdehyde dehydrogenase deficiency is characterized by elevated beta-alanine, 3-hydroxypropionic acid, and both isomers of 3-amino and 3-hydroxyisobutyric acids in urine organic acids.

