

ALDH4A1 抗原（重组蛋白）

中文名称：ALDH4A1 抗原（重组蛋白）

英文名称：ALDH4A1 Antigen (Recombinant Protein)

别名：aldehyde dehydrogenase 4 family, member A1; P5CD; ALDH4; P5C

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human ALDH4A1

技术规格：

Full name:	aldehyde dehydrogenase 4 family, member A1
Synonyms:	P5CD; ALDH4; P5C
Swissprot:	P30038
Gene Accession:	BC007581
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 dehydrogenase family of proteins. This enzyme is a mitochondrial matrix NAD-dependent dehydrogenase which catalyzes the second step of the proline degradation pathway, converting pyrroline-5-carboxylate to glutamate. Deficiency of this enzyme is associated with type II hyperprolinemia, an autosomal recessive disorder characterized by accumulation of delta-1-pyrroline-5-carboxylate (P5C) and proline. Alternatively spliced transcript

variants encoding different isoforms have been identified for this gene.