

ALDH8A1 抗原（重组蛋白）

中文名称：ALDH8A1 抗原（重组蛋白）

英文名称：ALDH8A1 Antigen (Recombinant Protein)

别名：aldehyde dehydrogenase 8 family, member A1; ALDH12; DJ352A20.2

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 148-337 amino acids of human ALDH8A1

技术规格：

Full name:	aldehyde dehydrogenase 8 family, member A1
Synonyms:	ALDH12; DJ352A20.2
Swissprot:	Q9H2A2
Gene Accession:	BC113862
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. It plays a role in a pathway of 9-cis-retinoic acid biosynthesis in vivo. This enzyme converts 9-cis-retinal into the retinoid X receptor ligand 9-cis-retinoic acid, and has approximately 40-fold higher activity with 9-cis-retinal than with all-trans-retinal. Therefore, it is the first known aldehyde dehydrogenase to show a preference for 9-cis-retinal relative to all-trans-retinal. Three transcript variants encoding distinct protein isoforms have been identified for this gene.

