

## ALDH1A1/ALDH1A2/ALDH1A3 抗原（重组蛋白）

中文名称：ALDH1A1/ALDH1A2/ALDH1A3 抗原（重组蛋白）

英文名称：ALDH1A1/ALDH1A2/ALDH1A3 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to C terminal 290 amino acids of human ALDH1A1/ALDH1A2/ALDH1A3

技术规格

<b>Full name:</b>	Aldehyde dehydrogenase 1 family, member A1/2/3
<b>Synonyms:</b>	ALDC, ALDH1, PUMB1, ALDH11, RALDH1, ALDH-E1; RALDH2, RALDH2-T, RALDH(II); ALDH6, RALDH3, ALDH1A6
<b>Swissprot:</b>	P00352/O94788/P47895
<b>Gene Accession:</b>	BC001505/BC030589/BC069274
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This protein belongs to the aldehyde dehydrogenase family of proteins. The product of this gene is an enzyme that catalyzes the synthesis of retinoic acid (RA) from retinaldehyde. Retinoic acid, the active derivative of vitamin A (retinol), is a hormonal signaling molecule that functions in developing and adult tissues. The studies of a similar mouse

e gene suggest that this enzyme and the cytochrome CYP26A1, concurrently establish local embryonic retinoic acid levels which facilitate posterior organ development and prevent spina bifida. Four transcript variants encoding distinct isoforms have been identified for this gene.