Product Name: Recombinant Human ALDH3A1 (C-6His)
Catalog #: PHH0036

概述（Summary）

英文全称	ALDH3A1/Aldehyde dehydrogenase family 3 member A1
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Aldehyde Dehydrogenase Family 3 Member A1 is produced by our Mammalian expression system and the target gene encoding Met1-His453 is expressed with a 6His tag at the C-terminus.
Accession #	AAH04370.1
蛋白标签（Tag）	
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	51.4 KDa
蛋白形态（Form）	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 15% Trehalose, 4% Mannitol, 50mM NaCl, 0.1% Tween80, pH 7.5.
储存缓冲液（Buffer）	
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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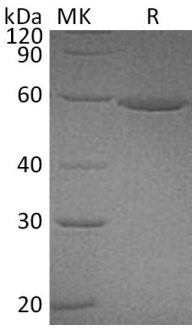

背景（Background）

分子别名（Alternative Names）	Aldehyde dehydrogenase; dimeric NADP-preferring; ALDH3; ALDH3A1; Aldehyde dehydrogenase family 3 member A1; Aldehyde dehydrogenase 3; ALDHIII; ALDH3A1
背景介绍（References）	Aldehyde dehydrogenase, dimeric NADP-preferring is an enzyme that in humans is encoded by the ALDH3A1 gene, belongs to the aldehyde dehydrogenase family. ALDHs play a major role in the detoxification of alcohol-derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation. This protein preferentially oxidizes aromatic aldehyde substrates. It may play a role in the oxidation of toxic aldehydes.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.