

Recombinant Mouse Aldh2 Protein, MYC/DDK-tagged

Cat. No. Aldh2-570M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse aldehyde dehydrogenase 2, mitochondrial (Aldh2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Is capable of converting retinaldehyde to retinoic acid.
Molecular Mass	56.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Aldh2 aldehyde dehydrogenase 2, mitochondrial [*Mus musculus* (house mouse)]

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Official Symbol	Aldh2
Synonyms	Aldh2; aldehyde dehydrogenase 2, mitochondrial; Ahd5; ALDHI; Ahd-5; AHD-M1; ALDH-E2; aldehyde dehydrogenase, mitochondrial; ALDH class 2; EC 1.2.1.3
Gene ID	11669
mRNA Refseq	NM_009656
Protein Refseq	NP_033786
UniProt ID	P47738

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