

## Recombinant Human ALDH1A2 Protein (L26-S518), Tag Free

**Cat. No.** ALDH1A2-0325H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RALDH2(L26-S518 end) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	L26-S518
<b>Description</b>	Converts retinaldehyde to retinoic acid. Recognizes as substrates free retinal and cellular retinol-binding protein-bound retinal. Can metabolize octanal and decanal, but has only very low activity with benzaldehyde, acetaldehyde and propanal. Displays complete lack of activity with citral.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer** Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

**Shipping** It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name** ALDH1A2 aldehyde dehydrogenase 1 family member A2 [ Homo sapiens (human) ]

**Official Symbol** ALDH1A2

**Synonyms** ALDH1A2; aldehyde dehydrogenase 1 family member A2; DIH4; RALDH2; RALDH2-T; RALDH(II); retinal dehydrogenase 2; RALDH 2; retinaldehyde-specific dehydrogenase type 2; EC 1.2.1.36

**Gene ID** 8854

**mRNA Refseq** NM\_170696

**Protein Refseq** NP\_733797

**MIM** 603687

**UniProt ID** O94788

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