

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

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

SPECIFICATION

Product Overview	Recombinant Human RALDH2(L26-S518 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	L26-S518
Description	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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	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
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	ALDH1A2 aldehyde dehydrogenase 1 family member A2 [Homo sapiens (human)]
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Official Symbol	ALDH1A2
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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
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Gene ID	8854
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mRNA Refseq	NM_170696
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Protein Refseq	NP_733797
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MIM	603687
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UniProt ID	O94788
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