

Recombinant Human ALDH1A3 Protein, GST-His-tagged

Cat. No. ALDH1A3-905H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDH1A3 fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes an aldehyde dehydrogenase enzyme that uses retinal as a substrate. Mutations in this gene have been associated with microphthalmia, isolated 8, and expression changes have also been detected in tumor cells. Alternative splicing results in multiple transcript variants.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	83.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ALDH1A3 aldehyde dehydrogenase 1 family, member A3 [Homo sapiens]
Official Symbol	ALDH1A3

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Synonyms	ALDH1A3; aldehyde dehydrogenase 1 family, member A3; ALDH6; aldehyde dehydrogenase family 1 member A3; RALDH3; retinaldehyde dehydrogenase 3; RALDH-3; aldehyde dehydrogenase 6; acetaldehyde dehydrogenase 6; ALDH1A6;
Gene ID	220
mRNA Refseq	NM_000693
Protein Refseq	NP_000684
MIM	600463
UniProt ID	P47895

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