

## Recombinant Human ALDH3A1 protein, His-tagged

**Cat. No.** ALDH3A1-1803H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ALDH3A1 protein(AAH04370.1)(Met1-His453), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-His453
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glyPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human ALDH3A1 consists of 472 amino acids and has a calculated molecular mass of 52.6 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [ALDH3A1 aldehyde dehydrogenase 3 family, member A1 \[ Homo sapiens \]](#)

**Official Symbol** [ALDH3A1](#)

**Synonyms** ALDH3A1; aldehyde dehydrogenase 3 family, member A1; ALDH3; aldehyde dehydrogenase, dimeric NADP-preferring; aldehyde dehydrogenase; dimeric NADP preferring; stomach aldehyde dehydrogenase; aldehyde dehydrogenase type III; aldehyde dehydrogenase isozyme 3; ALDHIII; MGC10406;

**Gene ID** [218](#)

**mRNA Refseq** [NM\\_000691](#)

**Protein Refseq** [NP\\_000682](#)

**MIM** [100660](#)

**UniProt ID** [P30838](#)

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