

Recombinant Human ALDH3A1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ALDH3A1 protein(AAH04370.1) (Met 1-His 453) was expressed in Insect Cells, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-453 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

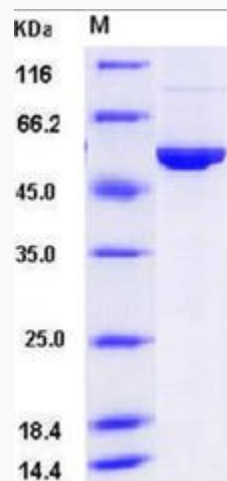
 45-1 Ramsey Road, Shirley, NY 11967, USA

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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SDS-PAGE



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