

Recombinant Human ALDH1A3 protein, His-tagged

Cat. No. ALDH1A3-1158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDH1A3 protein(NP_000684.2) (Ala 2-Pro 512) was expressed in E.coli, with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-512 aa
Form	Lyophilized from sterile PBS, 0.5M NaCl, pH 8.0.
Molecular Mass	The recombinant human ALDH1A3 consisting of 518 amino acids and migrates as an approximately 57 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 96 % 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.

GENE INFORMATION

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