

Recombinant Human Aldehyde Dehydrogenase 3 Family, Member A2, GST-tagged

Cat. No. ALDH3A2-494H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Human ALDH3A2 protein was expressed as GST-tagged fusion proteins by E. coli and purified by Ni-sepharose. The purified ALDH3A2 was resolved in 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8) added with 100mM GSH and 1% Triton X-100, 15% glycerol.
Species	Human
Source	E.coli
Description	Long-chain-aldehyde dehydrogenase (or fatty aldehyde dehydrogenase) is an aldehyde dehydrogenase enzyme associated with Sjögren-Larsson syndrome.
Antigen Peptide	N-term-314aa
Full Length	False
Storage	The protein is stored in PBS at -20°C. Repeated freeze-thaw cycles should be avoided.

GENE INFORMATION

Gene Name	ALDH3A2 aldehyde dehydrogenase 3 family, member A2 [Homo sapiens]
Official Symbol	ALDH3A2

 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

Synonyms	ALDH3A2; aldehydedehydrogenase 3 family, member A2; SLS; FALDH; fattyaldehyd dehydrogenase; ALDH10; FLJ20851; Microsomal aldehyde dehydrogenase;DKFZp686E23276; Aldehyde dehydrogenase family 3 member A2; OTTHUMP00000065801;Aldehyde dehydrogenase 10; EC1.2.1.3; EC 1.2.1; OTTHUMP00000065800;OTTHUMP00000065801; OTTHUMP00000065802; OTTHUMP00000065799
Gene ID	224
mRNA Refseq	NM_000382
Protein Refseq	NP_000373
MIM	609523
UniProt ID	P51648
Chromosome Location	17p11.2
Pathway	Arginine and prolinemetabolism; Ascorbate and aldarate metabolism; Fatty acid metabolism;Glycerolipid metabolism; Histidine metabolism; Lysine degradation; Propanoatemetabolism;GABA biosynthesis, eukaryotes, putrescine; Glycolysis / Gluconeogenesis; Metabolicpathways; Pentose and glucuronate interconversions; Pyruvate metabolism; Tryptophanmetabolism; beta-Alanine metabolism
Function	aldehydedehydrogenase (NAD) activity; aldehyde dehydrogenase [NAD(P)+] activity;oxidoreductase activity