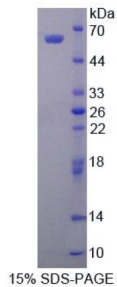


Human Retinal Dehydrogenase 1 (ALDH1A1) Protein

Catalogue No.: abx650622



SDS-PAGE analysis of recombinant Human ALDH1A1 Protein.

Human Retinal Dehydrogenase 1 (ALDH1A1) Protein is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

Target: Retinal Dehydrogenase 1 (ALDH1A1)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 90%

Reconstitution: Reconstitute in ddH₂O to a concentration between 0.1-0.5 mg/ml. Do not vortex.

Storage: Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P00352 ([UniProt](#), [ExPASy](#))

Gene Symbol: ALDH1A1

GeneID: [216](#)

Datasheet

Version: 7.0.0
Revision date: 14 Oct 2025



OMIM: [100640](#)

HGNC: 402

KEGG: hsa:216

Ensembl: ENST00000297785, ENSP00000297785, ENSG00000165092

String: [9606.ENSP00000297785](#)

Molecular Weight: Calculated MW: 58.4 kDa
Observed MW (SDS-PAGE): 58 kDa

Sequence Fragment: Ser2-Ser501

Sequence: SSSGTPDLP VLLTDLKIQY TKIFINNEWH DSVSGKKFPV FNPATEEEELC QVEEGDKEDV
DKAVKAARQA FQIGSPWRTM DASERGRLLY KLADLIERDR LLLATMESMN GGKLYSNAYL
NDLAGCIKTL RYCAGWADKI QGRTIPIDGN FFTYTRHEPI GVCQGIIIPWN FPLVMLIWKI
GPALSCGNTV VVKPAEQTPL TALHVASLIK EAGFPPGVVN IVPGYGPTAG AAISSHMDID
KVAFTGSTEV GKLIKEAAGK SNLKRVLEL GKGSPCIVLA DADLDNAVEF AHHGVFYHQG
QCCIAASRIF VEESYDEFV RRSVERAKKY ILGNPLTPGV TQGPQIDKEQ YDKILDIES
GKKEGAKLEC GGGPWGNKGY FVQPTVFSNV TDEMRIAKEE IFGPVQQIMK FKSLLDDVIKR
ANNTFYGLSA GVFTKDIDKA ITISSALQAG TVWVNCYGVV SAQCPFGGFK MSGNGRELGE
YGFHEYTEVK TVTVKISQKN S

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.

Concentration: Prior to lyophilization: 80 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.