

Product datasheet

Recombinant human ALDH2 protein ab87415

1 References 2 图像

概述

产品名称	重组人ALDH2蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli
氨基酸序列	
Accession	P05091
种属	Human

序列	MSAAATQAVP APNQPEVFC NQIFINNEWH DAVSRKTFPT VNPSTGEVIC QVAEGDKEDV DKAVKAARAA FQLGSPWRRM DASHRGRLLN RLADLIERDR TYLAALETLD NGKPYVISYL VDLDMVLKCL RYYAGWADKY HGKTIPIDGD FFSYTRHEPV GVCGQIIPWN FPLLMQAWKL GPALATGNVV VMKVAEQTPL TALYVANLIK EAGFPPGVVN IVPFGPTAG AAIASHEDVD KVAFTGSTEI GRVIQVAAGS SNLKRVTTLEL GGKSPNIIMS DADMDWAVEQ AHFALFFNQG QCCCAGSRTF VQEDIYDEFV ERSVARAKSR VVGPNPFSKT EQGPQVDETQ FKKILGYINT GKQEGAKLLC GGGIAADRGY FIQPTVFGDV QDGMTIAKEE IFGPVMQILK FKTIEEVVGR ANNSTYGLAA AVFTKDLDKA NYLSQALQAG TVWVNCYDVF GAQSPFGGYK MSGSGRELGE YGLQAYTEVK TVTVKVPQKN S
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分子量	55 kDa
氨基酸	18 to 517

技术指标

Our [Abpromise guarantee](#) covers the use of **ab87415** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

生物活性	Specific activity is > 250pmol/min/ug, and was obtained by measuring the increase of NADH in absorbance at 340 nm resulting from the reduction of NAD at pH 8.0 at 25C.
应用	SDS-PAGE Functional Studies Western blot
内毒素水平	< 1.000 Eu/mg
纯度	> 90 % SDS-PAGE. ab87415 is purified using conventional chromatography techniques.
形式	Liquid
补充说明	Endotoxin:< 1.0 EU per 1 µg of protein (determined by LAL method).

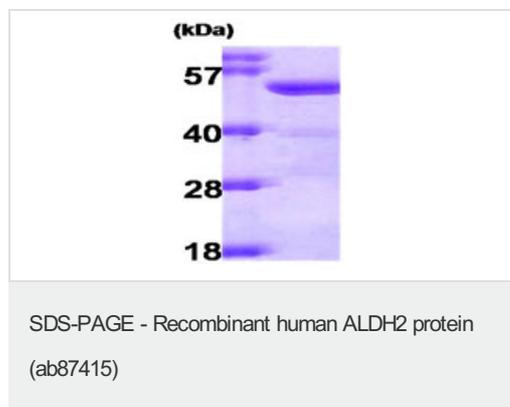
制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 7.50 Constituents: 0.0154% DTT, 0.316% Tris HCl, 0.0292% EDTA, 10% Glycerol This product is an active protein and may elicit a biological response in vivo, handle with caution.
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常规信息

通路	Alcohol metabolism; ethanol degradation; acetate from ethanol: step 2/2.
序列相似性	Belongs to the aldehyde dehydrogenase family.
细胞定位	Mitochondrion matrix.

图片



15% SDS-PAGE showing 3µg ab87415 at approximately 54.5 kDa.

Western blot - Recombinant human ALDH2 protein
(ab87415)

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