

Product Datasheet

Recombinant Human ALDH2 Protein NBC1-19053

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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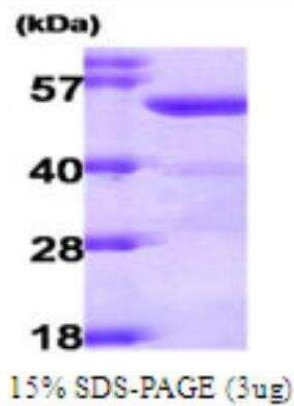
NBC1-19053

Recombinant Human ALDH2 Protein

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 7.5), 1 mM DTT, 1 mM EDTA, 10% glycerol
Target Molecular Weight	54.5 kDa
Product Description	
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 18-517 of Human ALDH2</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MSAATQAVP APNQQPEVFC NQIFINNEWH DAVSRKTFPT VNPSTGEVIC QVAEGDKEDV DKAVKAARAA FQLGSPWRRM DASHRGRLLN RLADLIERDR TYLAALETLD NGKPYVISYL VLDLDMVLKCL RYYAGWADKY HGKTIPIDGD FFSYTRHEPV GVCGQIIPWN FPLLMQAWKL GPALATGNVV VMKVAEQTPL TALYVANLIK EAGFPPGVVN IVPFGGPTAG AAIASHEDVD KVAFTGSTEI GRVIQVAAGS SNLKRVTLEL G GKSPNIIMS DADMDWAVEQ AHFALFFNQG QCCCAGSRTF VQEDIYDEFV ERSVARAKSR VVG NPFDSKT EQGPQVDETQ FKKILGYINT GKQEGAKLLC GGGIAADRGY FIQPTVFGDV QDGMTIAKEE IFGPVMQILK FKTIEEVVGR ANNSTYGLAA AVFTKDLDKA NYLSQALQAG TVWVNCYDVF GAQSPFGGYK MSGSGRELGE YGLQAYTEVK TVTVKVPQKN S</p>
Gene ID	217
Gene Symbol	ALDH2
Species	Human
Details of Functionality	Specific activity is > 250pmol/min/ug, and is defined as the amount of enzyme that catalyze the oxidation of 1.0 pmole Acetaldehyde by NAD per minute at pH 8.0 at 25C
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

Images

SDS-Page: Recombinant Human ALDH2 Protein [NBC1-19053] -
Molecular Weight: 54.5 kDa (501aa) on 15% SDS-PAGE (3ug)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBC1-19053

NBP2-52106-0.1mg	Recombinant Mouse ALDH2 His Protein
NB600-326	GST Epitope Tag Antibody - BSA Free
NBP2-37397	ALDH2 Antibody (4G6A3) - BSA Free
AF5869	Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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