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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ALDH16A1 (Human) Recombinant Protein (P01)

Catalog Number: H00126133-P01

Regulation Status: For research use only (RUO)

Product Description: Human ALDH16A1 full-length ORF (NP_699160.1, 1 a.a. - 802 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAATRAGPRAREIFTSLEYGPVPESHACALAWLDTQD
RCLGHYVNGKWLKPEHRNSVPCQDPITGENLASCLQ
AQAEDVAAAVEAARMAFKGWSAHPGVVRAQHLTRLA
EVIQKHQRLLWTLESLVTGRAVREVRDGDVQLAQQLL
HYHAIQASTQEEALAGWEPMGVIGLILPPTFSFLEMM
WRICPALAVGCTVVALVPPASPAPLLLAQLAGELGPF
GILNVVSGPASLVPILASQPGIRKVAFCGAPEEGRALR
RSLAGECAELGLALGTESSLLLTDTADVDSAVEGVVDA
AWSDRGPGGLRLLIQESVWDEAMRRLQERMGRRLRS
GRGLDGAVIDMGARGAAACDLVQRFVREAQSQGAQV
FQAGDVPSERPFYPPTLVSNLPPASPCAQVEVPWPVV
VASPFRTAKEALLVANGTPRGGSSASVWSERLGQALEL
GYGLQVGTVWINAHGLRDPVPTGGCKESGCSWHG
GPDGLYEYLRPSGTPARLSCLSKNLNYDTFGLAVPSTL
PAGPEIGPSPAPPYGLFVGGRFQAPGARSSRPIRDSS
GNLHGYYAEGGAKDIRGAVEAAHQAFPGWAGQSPGA
RAALLWALAAALERRKSTLASRLERQGAELKAAEAEV
ELSARRLRAWGARVQAQGH TLQVAGLRGPVLRRLREP
LGVLA VVCPDEWPLLA FVSLLAPALAYGNTVVMVPSA
ACPLLALEVCQDMATVFPAGLANVVTGDRDHLTRCLA
LHQDVQAMWYFGSAQGSQFVEWASAGNLKPVWASR
GCPRAWDQEAEGAGPELGLRVARTKALWLPMGD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 111.5

Interspecies Antigen Sequence: Mouse (82); Rat (81)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 126133

Gene Symbol: ALDH16A1

Gene Alias: MGC10204

Gene Summary: This gene encodes a member of the aldehyde dehydrogenases superfamily. The family members act on aldehyde substrates and use nicotinamide adenine dinucleotide phosphate (NADP) as a cofactor. This gene is conserved in chimpanzee, dog, cow, mouse, rat, and zebrafish. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]