

ADH1C, 1-375, Human, His tag, E.coli

Cat.NO.: TP01063

3th Edition

Synonyms:alcohol dehydrogenase 1C, ADH3

Description:Alcohol dehydrogenase 1C, also known as ADH1C, belongs to the zinc-containing alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products.

Form:Liquid. In 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 2mM DTT, 200mM NaCl

Molecular Weight:42.4kDa (399aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMSTAGKVIKCKAAVLWELKKPFSIEEVEVAPPKAHEVRIKMVAAGICRSDE
HVVSGNLVTPLPVILGHEAAGIVESVGEGVTTVKPGDKVIPLFTPQCGKCRICKNPESNYCLKNDLGNPRGTLQDGT
RRFTCSGKPIHHFVGVSTFSQYTVVDENAVAKIDAASPLEKVCLIGCGFSTGYGSAVKVAKVTPGSTCAVFGLGGV
GLSVVMGCKAAGAARIIVDINKDKFAKAKELGATECINPQDYKKPIQEVVKEMTDGGVDFSFVIGRLDTMMASLL
CCHEACGTSVIVGVPPDSQNLSINPMLLLTGRTWKGAIFGGFKSKESVPKLVADFMKKFSLDALITNILPFEKINEG
FDLLRSGKSIRTVLTF

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.