

ADH1A, 1-375aa, Human, His tag, E.coli

Cat.NO.: TP01061

3th Edition

Synonyms:Alcohol dehydrogenase 1A, ADH1.

Description:Alcohol dehydrogenase 1A, also known as ADH1A, belongs to the alcohol dehydrogenase family. ADH1 is a monomorphous and predominant in fetal and infant livers, becoming less active in gestation and only weakly active during adulthood.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Molecular Weight:42 kDa (395aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMSTAGKVIKCKAAVLWELKKPFSIEEVEVAPPKAHEVRIKMVAVGICGTDDHVVS
TMVTPLPVILGHEAAGIVESVGEGVTTVKPGDKVIPLAIPQCGKCRICKNPESNYCLKNDVSNPQGTLDGTSRFTC
RRKPIHHFLGISTFSQYTVVDENAVAKIDAASPLEKVCLIGCGFSTGYGSVNVAKVTPGSTCAVFGLGGVGLSAIM
GCKAAGAARIIVDINKDKFAKAKELGATECINPDYKKPIQEVLEKMTDGGVDFSFEVIGRLDTMMASLLCCHEAC
GTSVIVGVPPDSQNLSPMPLLLTGRTWKGAILGGFKSKECVPKLVADFMKKFSLDALITHVLPFEKINEGFDLLHS
GKSIRTILMF

Purity:> 95% by HPLC

Concentration:1 mg/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.