

**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.