Recombinant Human Alcohol dehydrogenase 1B (ADH1B)

Product Code	CSB-YP001354HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P00325
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	STAGKVIKC KAAVLWEVKK PFSIEDVEVA PPKAYEVRIK MVAVGICRTD DHVVSGNLVT PLPVILGHEA AGIVESVGEG VTTVKPGDKV IPLFTPQCGK CRVCKNPESN YCLKNDLGNP RGTLQDGTRR FTCRGKPIHH FLGTSTFSQY TVVDENAVAK IDAASPLEKV CLIGCGFSTG YGSAVNVAKV TPGSTCAVFG LGGVGLSAVM GCKAAGAARI IAVDINKDKF AKAKELGATE CINPQDYKKP IQEVLKEMTD GGVDFSFEVI GRLDTMMASL LCCHEACGTS VIVGVPPASQ NLSINPMLLL TGRTWKGAVY GGFKSKEGIP KLVADFMAKK FSLDALITHV LPFEKINEGF DLLHSGKSIR TVLTF
Source	Yeast
Target Names	ADH1B
Protein Names	Recommended name: Alcohol dehydrogenase 1B EC= 1.1.1.1 Alternative name(s): Alcohol dehydrogenase subunit beta
Expression Region	2-375
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is a member of the 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. This encoded protein, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.