



Recombinant Human Alcohol dehydrogenase 1B (ADH1B)

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| Product Code | CSB-MP001354HU |
| 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 PPKAYEVRİK MVAVGICRTD DHVVSIGNLVT PLPVILGHEA AGIVESVGEV VTTVKPGDKV IPLFTPQCGK CRVCKNPESN YCLKNDLGNP RGTLQDGTTR FTCRGKPIHH FLGTSTFSQY TVVDENAVAK IDAASPLEKV CLIGCGFSTG YGSAVNVAKV TPGSTCAVFG LGGVGLSAVM GCKAAGAARI IAVDINKDKF AKAKELGATE CINPQDYKKP IQEVLKEMTD GGVDVSFEVI GRLDTMMASL LCCHEACGTS VIVGVPPASQ NLSINPMLLL TGRTWKGAVY GGFKSKEGIP KLVADFMACK FSLDALITHV LPFEKINEGF DLLHSGKSIR TVLTF |
| Source | Mammalian cell |
| 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.