

## ADH6 Human

**Description:** ADH6 Human Recombinant produced E. coli is a single polypeptide chain containing 399 amino acids (1-375) and having a molecular mass of 42.4kDa. ADH6 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** ENPS-626

For research use only.

**Synonyms:** Alcohol dehydrogenase 6, ADH6, ADH-5.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MGSHMSTTGQ VIRCKAAILW  
KPGAPFSIEE VEVAPKAKE VRIKVVATGL CGTEMKVLGS KHLDLLYPTI LGHEGAGIVE  
SIGEGVSTVK PGDKVITLFL PQCGETSCL NSEGNFCIQF KQSKTQLMSD GTSRFTCKGK  
SIYHFGNTST FCEYTVIKEI SVAKIDAVAP LEKVCLISCG FSTGFGAAN TAKVTPGSTC  
AVFGLGGVGL SV

**Purity:** Greater than 90% as determined by SDS-PAGE.

### Formulation:

The ADH6 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

Alcohol dehydrogenase 6 (ADH6) belongs to the alcohol dehydrogenase family. Alcohol dehydrogenase family members metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. ADH6 is expressed in the stomach as well as in the liver, and it contains a glucocorticoid response element upstream of its 5' UTR, which is a steroid hormone receptor binding site.

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