

## Recombinant Human ADH6 Protein, MYC/DDK-tagged

**Cat. No.** ADH6-1365H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human ADH6 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | This gene encodes class V alcohol dehydrogenase, which is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This gene 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 39.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### GENE INFORMATION

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|                        |                                                         |
|------------------------|---------------------------------------------------------|
| <b>Gene Name</b>       | ADH6 alcohol dehydrogenase 6 (class V) [ Homo sapiens ] |
| <b>Official Symbol</b> | ADH6                                                    |
| <b>Synonyms</b>        | ADH-5; ADH-5                                            |
| <b>Gene ID</b>         | 130                                                     |
| <b>mRNA Refseq</b>     | NM_000672                                               |
| <b>Protein Refseq</b>  | NP_000663                                               |
| <b>MIM</b>             | 103735                                                  |
| <b>UniProt ID</b>      | P28332                                                  |

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