

Recombinant Human ADH6 Protein, GST-tagged

Cat. No. ADH6-351H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human ADH6 full-length ORF (AAH39065.1, 1 a.a. - 295 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | <p>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]</p> |
| Molecular Mass | 57.7 kDa |
| AA Sequence | <pre>MSTTGQVIRCKAAILWKPGAPFSIEEVEVAPPKAKEVRIKVVATGLCGTEMKVLGSK HLDLLYPTILGHEGAGIVESIGEGVSTVKPGDKVITLFLPQCGETSCLNSEGNFCIQF KQSKTQLMSDGTSRFTCKGKSIYHFGNTSTFCEYTVIKEISVAKIDAVAPLEKVCLISC GFSTGFGAIAINTAKVTPGSTCAVFGLGGVGLSVVMGCKAAGAARIIGVDVNKEKFKK AQELGATECLNPQDLKKPIQEVLFDMTDAGIDFCFEAIGNLDVLAGRADSTSLNWLLII WQRS</pre> |

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|-------------------------|---|
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |
| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| GENE INFORMATION | |
| Gene Name | ADH6 alcohol dehydrogenase 6 (class V) [Homo sapiens] |
| Official Symbol | ADH6 |
| Synonyms | ADH6; alcohol dehydrogenase 6 (class V); alcohol dehydrogenase 6; ADH 5; aldehyde reductase; ADH-5; |
| Gene ID | 130 |
| mRNA Refseq | NM_000672 |
| Protein Refseq | NP_000663 |
| MIM | 103735 |
| UniProt ID | P28332 |

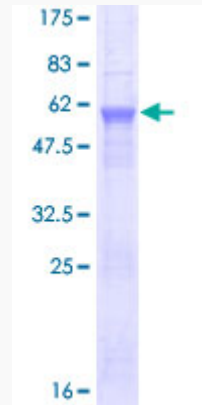
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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