Recombinant Full Length Human ADH6 Protein, GST-tagged

Cat. No. ADH6-928HF **Lot. No.** (See product label)

SPECIFICATION

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	In Vitro Cell Free System
ProteinLength	295 amino acids
Description	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]
Molecular Mass	57.7 kDa
AA Sequence	MSTTGQVIRC KAAILWKPGA PFSIEEVEVA PPKAKEVRIK VVATGLCGTE MKVLGSKHLD LLYPTILGHE GAGIVESIGE GVSTVKPGDK VITLFLPQCG ECTSCLNSEG NFCIQFKQSK TQLMSDGTSR FTCKGKSIYH FGNTSTFCEY TVIKEISVAK IDAVAPLEKV CLISCGFSTG FGAAINTAKV TPGSTCAVFG LGGVGLSVVM GCKAAGAARI IGVDVNKEKF KKAQELGATE CLNPQDLKKP

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	IQEVLFDMTD AGIDFCFEAI GNLDVLAGRA DSTSLNWLLI IWQRS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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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