

## Product datasheet for **AR50388PU-S**

### Alcohol dehydrogenase 6 / ADH6 (1-375, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Alcohol dehydrogenase 6 / ADH6 (1-375, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMSTTGQ VIRCKAAILW KPGAPFSIEE VEVAPPKAKE VRIKVVATGL CGTEMKVLGS KHLDLLYPTI LGHEGAGIVE SIGEGVSTVK PGDKVITLFL PQCGETSCL NSEGNFCIQF KQSKTQLMSD GTSRFTCKGK SIYHFGNTST FCEYTVIKEI SVAKIDAVAP LEKVCLISCG FSTGFGAAIN TAKVTPGSTC AVFGLGGVGL SVVMGCKAAG AARIIGVDVN KEKFKKAQEL GATECLNPQD LKKPIQEVLF DMTDAGIDFC FEIGNLDVL AAALASCNES YGVCVWVGL PASVQLKISG QLFFSGRSLK GSVFGGWKSR QHIPKLVADY MAEKLNDPL ITHTLNLDKI NEAVELMKTG KCIRCILL
Tag:	His-tag
Predicted MW:	42.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.15M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ADH6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_000663</a>
Locus ID:	130
UniProt ID:	<a href="#">P28332</a> , <a href="#">Q8IUN7</a>



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**Cytogenetics:** 4q23

**Synonyms:** ADH-5

**Summary:** 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]

**Protein Families:** Druggable Genome

**Protein Pathways:** Drug metabolism - cytochrome P450, Fatty acid metabolism, Glycolysis / Gluconeogenesis, Metabolic pathways, Metabolism of xenobiotics by cytochrome P450, Retinol metabolism, Tyrosine metabolism

### Product images:

