

## Recombinant Human ADH5 protein, GST-tagged

Cat. No. ADH5-2488H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ADH5 protein(P11766)(2-374aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-374aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	66.6 kDa
<b>AA Sequence</b>	ANEVIKCKAAVAWEAGKPLSIEEIEVAPPKAHEVRIKIIATAVCHTDAYTLSGADPEGC FPVILGHEGAGIVESVGEGVTKLKAGDTVIPLYIPQCGECKFCLNPKTNLCQKIRVTQ GKGLMPDGTSRFTCKGKTIHYMGSTSTFSEYTVVADISVAKIDPLAPLDKVCLLGGCI STGYGAAVNTAKLEPGSVCAVFGLGGVGLAVIMGCKVAGASRIIGVDINKDKFARAK EFGATECINPQDFSKPIQEVLIEMTDGGVDYSFECIGNVKVMRAALEACHKGWGVSV VVGVAASGEEIATRPFQLVTGRTWKGTAFFGGWKSVESVPKLVSEYMSKKIKVDEFV THNLSFDEINKAFELMHSGKSIRTVVKI
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** ADH5 alcohol dehydrogenase 5 (class III), chi polypeptide [ Homo sapiens ]

**Official Symbol** ADH5

**Synonyms** ADH5; alcohol dehydrogenase 5 (class III), chi polypeptide; FDH, formaldehyde dehydrogenase; alcohol dehydrogenase class-3; ADH 3; ADHX; formaldehyde dehydrogenase; alcohol dehydrogenase class-III; alcohol dehydrogenase class chi chain; S-(hydroxymethyl)glutathione dehydrogenase; glutathione-dependent formaldehyde dehydrogenase; alcohol dehydrogenase (class III), chi polypeptide; FDH; ADH-3; FALDH; GSNOR; GSH-FDH;

**Gene ID** 128

**mRNA Refseq** NM\_000671

**Protein Refseq** NP\_000662

**MIM** 103710

**UniProt ID** P11766

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