Recombinant Human ADH5 Protein (2-374 aa), His-tagged

Cat. No. ADH5-1317H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADH5 Protein (2-374 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	2-374 aa
Description	Class-III ADH is rarkably ineffective in oxidizing ethanol, but it readily catalyzes the oxidation of long-chain primary alcohols and the oxidation of S-(hydroxymethyl) glutathione.
Form	Tris-based buffer,50% glycerol
Molecular Mass	41.6 kDa
AA Sequence	ANEVIKCKAAVAWEAGKPLSIEEIEVAPPKAHEVRIKIIATAVCHTDAYTLSGADPEGC FPVILGHEGAGIVESVGEGVTKLKAGDTVIPLYIPQCGECKFCLNPKTNLCQKIRVTQ GKGLMPDGTSRFTCKGKTILHYMGTSTFSEYTVVADISVAKIDPLAPLDKVCLLGCGI STGYGAAVNTAKLEPGSVCAVFGLGGVGLAVIMGCKVAGASRIIGVDINKDKFARAK EFGATECINPQDFSKPIQEVLIEMTDGGVDYSFECIGNVKVMRAALEACHKGWGVSV VVGVAASGEEIATRPFQLVTGRTWKGTAFGGWKSVESVPKLVSEYMSKKIKVDEFV THNLSFDEINKAFELMHSGKSIRTVVKI

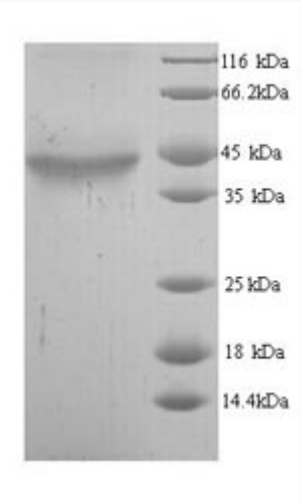
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	ADH5 alcohol dehydrogenase 5 (class III), chi polypeptide [Homo sapiens]
Official Symbol	ADH5
Synonyms	ADH5; ADH 3; ADHX; 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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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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