

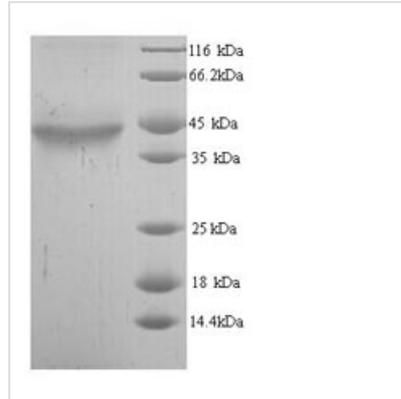


Recombinant Human Alcohol dehydrogenase class-3(ADH5)

Product Code	CSB-YP001357HU
Relevance	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.
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P11766
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Alcohol dehydrogenase 5Alcohol dehydrogenase class chi chain;Alcohol dehydrogenase class-IIIGlutathione-dependent formaldehyde dehydrogenase (EC:1.1.1.-) ;FALDH ;FDH ;GSH-FDHS-(hydroxymethyl)glutathione dehydrogenase (EC:1.1.1.284)
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ANEVIKCKAAVAWEAGKPLSIEEIEVAPPKAHEVRIKIIATAVCHTDAYTLSGADP EGCFPVILGHEGAGIVESVGGVTKLKAGDTVIPLYIPQCGECKFCLNPKTNLC QKIRVTQGKGLMPDGTSRFTCKGKTIHYMGTSTFSEYTVVADISVAKIDPLAP LDKVCLLGCGISTGYGAAVNTAKLEPGSVCAVFGGLGGVGLAVIMGCKVAGASR IIGVDINKDKFARAKEFGATECINPQDFSKPIQEVLIEMTDGGVDYSFECIGNVK VMRAALEACHKGWGVSVVVGVAASGEEIATRPFLVTGRTWKGTAFGGWKS VESVPKLVSEYMSKKIKVDEFVTHNLSFDEINKAFELMHSGKSI RTVVKI
Research Area	Metabolism
Source	Yeast
Gene Names	ADH5
Protein Names	Recommended name: Alcohol dehydrogenase class-3 EC= 1.1.1.1 Alternative name(s): Alcohol dehydrogenase 5 Alcohol dehydrogenase class chi chain Alcohol dehydrogenase class-III Glutathione-dependent formaldehyde dehydrogenase
Expression Region	2-374aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	41.6kDa

**Protein Description**

Full Length of Mature Protein

Image

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.