

## Product datasheet for TP522327

### Adh5 (NM\_007410) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse alcohol dehydrogenase 5 (class III), chi polypeptide (Adh5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222327 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MANQVIRCKAAVAWEAGKPLSIEEIEVAPPKAHEVRIKILATAVCHTDAYTLSGADPEGCFPVILGHEGA GIVESVGEVTKLKAGDVTIPLYIPQCGECKFCLNPKTNLCQKIRVTQKGKLMGPDGTSRFTCKGKSVFHF MGTSTFSEYTVADISVAKIDPSAPLDKVCLLGCGISTGYAAVNTAKVEPGSTCAVFGLGGVGLAVIMG CKVAGASRIIGIDINKDKFAKAKEFGASECISPQDFSFSKIQEVLVEMTDGGVDYSEFCIGNVKVMRSAL AAHKGWGVSVVVGVAASGEEISTRPFQLVTGRTWKGTAFGGWKSVESVPLKLVSEYMSKKIKVDEFVTGNL SFDQINQAFDLMHSGDSIRTVLKM</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	39.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_031436</a>
Locus ID:	11532
UniProt ID:	<a href="#">P28474</a> , <a href="#">Q6P5I3</a>



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RefSeq Size: 1604

Cytogenetics: 3 G3

RefSeq ORF: 1125

Synonyms: Adh-5; Adh3; GSNOR

Summary: Class-III ADH is remarkably ineffective in oxidizing ethanol, but it readily catalyzes the oxidation of long-chain primary alcohols and the oxidation of S-(hydroxymethyl) glutathione. [UniProtKB/Swiss-Prot Function]