

Alcohol Dehydrogenase 6 Human Recombinant

Item Number	rAP-1027
Synonyms	Alcohol dehydrogenase 6, ADH6, ADH-5.
Description	ADH6 Human Recombinant produced E. coli is a single polypeptide chain containing 399 amino acids (1-375) and having a molecular mass of 42.4kDa. ADH6 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P28332
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGS HMSTTGQ VIRCKAAILW KPGAPFSIEE VEVAPPKAKE VRIK-VVATGL CGTEMKVLGS KHLDLLYPTI LGHEGAGIVE SIGEGVSTVK PGDKVITLFL PQCGETSCL NSEGNFCIQF KQSKTQLMSD GTSRFTCKGK SIYHFGNTST FCEYTVIKEI SVAKIDAVAP LEKVCLISCG FSTGFGAAIN TAKVTPGSTC AVFGLGGVGL SVVMGCKAAG AARIIGVDVN KEKFKKAQEL GATE-CLNPQD LKKPIQEVLF DMTDAGIDFC FEAIGNLDVL AAALASCNES YGVCVVVGV L PASVQLKISG QLFFSGRSLK GSVFGGWKS R QHIPKLVADY MAEKL NLDPL ITHTLNLDKI NEAVELMKTG KCIRCILLL.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ADH6 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**