

Human ADH5 Recombinant Protein



RPPB1356

Product Information Protein Information

Product SKU:

RPPB1356

Accession:

P11766

Host:

E.coli.

Protein description:

ADH5 Recombinant produced in E. coli is a single polypeptide chain containing 398 amino acids (1-374) and having a molecular mass of 42.3kDa. ADH5 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Alcohol dehydrogenase 5 (class III) chi polypeptide, Alcohol dehydrogenase class chi chain, Glutathione-dependent formaldehyde dehydrogenase, S-(hydroxymethyl) glutathione dehydrogenase, FDH, ADHX, ADH-3, FALDH, GSH-FDH, GSNOR, EC 1.1.1.1, EC 1.1.1.284.

Formulation:

The ADH5 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSHPMANEVI KCKAAVAWEA GKPLSIEEIE VAPPKAHEVR IKIATAVCH
TDAYTLSGAD PEGCFPVILG HEGAGIVESV GEGVTKLKAG DTVIPLYIPQ CGECKFCLNP KTNLCQKIRV
TQGKGLMPDG TSRFTCKGKT ILHYMGSTSF SEYTVVADIS VAKIDPLAPL DKVCLLGCGI STGYGAAVNT
AKLEPGSVCA VFGLGGVGLA VIMGCKVAGA SRIIGVDINK DKFARAKEFG ATECINPQDF SKPIQEVLE
MTDGGVDYSF ECIGNVKVMR AALEACHKGW GVSVVVGVA SGEIATRPF QLVTGRTWKG TAFGGWKSVE
SVPKLVSEYM SKKIKVDEFV THNLSFDEIN KAFELMHSGK SIRTVVKI