

Glyceraldehyde-3-Phosphate Dehydrogenase Human Recombinant

Item Number	rAP-0998
Synonyms	G3PD, GAPD, MGC88685, GAPDH, Glyceraldehyde-3-Phosphate Dehydrogenase.
Description	GAPDH Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 335 amino acids and having a molecular mass of 36kDa. The GAPDH is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P04406
Amino Acid Sequence	MGKVKGVNG FGRIGRLVTR AAFNSGKVDI VAINDPFIDL NYMVYMFQYD STHGKFHGTV KAENGKL- VIN GNPITIFQER DPSKIKWGDA GA EYVVESTG VFTTMEKAGA HLQGGAKRVI ISAPSADAPM FVMGVNHEKY DNSLKIIISNA SCTTNCLAPL AKVIHDNFGI VEGLMTTVHA ITATQKTVDG PSGKLWRDGR GALQNIIPAS TGA AKAVGKV IPELNGKLTG MAFRVPTANV SVVDLTCRLE KPAKYDDIKK VVKQASEGPL KGILGYTEHQ VVSSDFNSDT HSSTFDAGAG IALNDHFVKL
Source	Escherichia 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 GAPDH protein (1 mg/ml) contains 20mM Tris-HCl buffer pH-8, 1mM EDTA, 1mM DTT and 20% glycerol. Greater than 95.0% 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**