ANGIO-PROTEOMIE
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DATA SHEET

Glycerol-3-Phosphate Dehydrogenase 1 Human Recombinant

Item Number	rAP-1007
Synonyms	EC 1.1.1.8, Glycerol-3-phosphate dehydrogenase [NAD+], GPDH-C, GPD-C, GPD1.
Description	GPD1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 349 amino acids (1-349 a.a.) and having a molecular mass of 37.5 kDa. The GPD1 is purified by conventional chromatography.
Uniprot Accesion Number	P21695
Amino Acid Sequence	MASKKVCIVG SGNWGSAIAK IVGGNAAQLA QFDPRVTMWV FEEDIGGKKL TEIINTQHEN VKYLPGHKLP PNVVAVPDVV QAAEDADILI FVVPHQFIGK ICDQLKGHLK ANATGISLIK GVDEGPNGLK LISEVIGERL GIPMSVLMGA NIASEVADEK FCETTIGCKD PAQGQLLKEL MQTPNFRITV VQEVDTVEIC GALKNVVAVG AGFCDGLGFG DNTKAAVIRL GLMEMIAFAK LFCSGPVSSA TFLESCGVAD LITTCYG-GRN RKVAEAFART GKSIEQLEKE LLNGQKLQGP ETARELYSIL QHKGLVDKFP LFMAVYKVCY EGQPVGEFIH CLQNHPEHM.
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 GPD1 protein solution contains 20mM Tris-HCl pH-8, and 10% glycerol. Greater than 90.0% 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