

Glycerol-3-Phosphate Dehydrogenase 1 Like Human Recombinant

Item Number	rAP-0984
Synonyms	Glycerol-3-phosphate dehydrogenase 1-like protein, GPD1-L, GPD1L, KIAA0089.
Description	GPD1L Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 371 amino acids (1-351 a.a.) and having a molecular mass of 40.6kDa.GPD1L is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q8N335
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MAAAPLKVCI VGSGNWGSAV AKIIGNNVKK LQKFASTVKM WVFEETVNGR KLTDIINNDH ENVKYLPGHK LPENVVAMSN LSEAVQDADL LVFVIPHQFI HRICDEITGR VPKALGITL IKGIDEGPEG LKLISDIIRE KMGIDISVLM GANIANEVAA EKFCETTIGS KVMENGLLFFK ELLQTPNFRI TVVDDADTVE LCGALKNIVA VGAGFCDGLR CGDNTKAAVI RLGLMEMIAF ARIFCKGQVS TATFLESCGV ADLITTCYGG RNRRAEFA RTGKTIEELE KEMLNGQKLQ GPQTSAEVYR
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	GPD1L protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT. 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**