

Glycerol-3-Phosphate Dehydrogenase 2 Human Recombinant

Item Number rAP-1002

Synonyms Glycerol-3-phosphate dehydrogenase mitochondrial, glycerol-3-phosphate dehydrogenase 2 (mitochondrial), GPDH-M, GPD-M, mtGPD, GPD2, GDH2, GPDM, mGPDH.

Description GPD2 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 558 amino acids fragment (43-600) corresponding to the GlpA domain fragment of the mature protein, having a total molecular mass of 66.26kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The

Uniprot Accesion Number P43304

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability Sterile Filtered clear 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. Please avoid freeze thaw cycles.

Formulation and Purity GPD2 protein solution is supplied in 20mM Tris-HCl pH 8, 1mM EDTA and 50% 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**