

Glycogenin-1 Human Recombinant

Item Number	rAP-1392
Synonyms	Glycogenin-1, GYG1, GYG.
Description	GYG1 Human Recombinant fused with a 32 amino acid His-T7 tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 365 amino acids (1-333 a.a.) and having a molecular mass of 41.2kDa. The GYG1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P46976
Amino Acid Sequence	MHHHHHHMAS MTGGQQMGRD LYDDDDKDRW GSMTDQAFVT LTTNDAYAKG ALVLGSSLKQ HRTTRRLVVL ATPQVSDSMR KVLETVFDEV IMVDVLDSDG SAHLTLMKRP ELGVTLTCLKH CWSLTQYSKC VFMDADTLVL ANIDDLFDRE ELSAAPDPGW PDCFNSGVFV YQPSVETYNQ LLHLASE- QGS FDGGDQGILN TFFSSWATTD IRKHLPIYN LSSISIYSYL PAFKVFGASA KVVHFLGRVK PWNY- TYDPKT KSVKSEAHDP NMTHPEFLIL WWNIFTTNVL PLLQQFGLVK DTCSYVNVED VSGAISHLSL GEIPAMAQPF VSSEERKERW EQGQADYMG A DSFDNIKRKL DTYLQ.
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 GYG1 solution contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT 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**