

Galactose-1-Phosphate Uridyltransferase Human Recombinant

Item Number	rAP-1957
Synonyms	Galactose-1-phosphate uridylyltransferase, Gal-1-P uridylyltransferase, UDP-glucose--hexose-1-phosphate uridylyltransferase, GALT.
Description	GALT Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 403 amino acids (1-379) and having a molecular mass of 45.9kDa.GALT is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P07902
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSRSGT DPQQRQQASE ADAAAATFRA NDHQHIRYNP LQDEWVLVSA HRMKRPWQQG VEPQLLKTVP RHDPLNPLCP GAIRANGEVN PQYDSTFLFD NDFPALQPD A PSPGPSDHPL FQAKSARGVC KVMCFHPWSD VTLPLMSVPE IRAVVDAWAS VTEEL- GAQYP WVQIFENKGA MMGCSNPHPH CQVWASSFLP DIAQREERSQ QAYKSQHGEF LLMEYSRQEL LRKERLVLTS EHWLVLPFW ATWPYQTL LLL PRRHVRRRLPE LTPAERDDLA SIMKLLTKY DNLFETSFPY SMGWHGAPTG SEAGANWNHW QLHAHYYPPL LRSATVRKFM VGYEMLAQAQ RDLT- PEQAAE RLRALPEVHY HLGQKDRETA TIA.
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 GALT solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.5), 0.2M NaCl and 10% glycerol. Greater than 85.0% 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**