

UDP Glycosyltransferase 8 Human Recombinant

Item Number	rAP-2027
Synonyms	UDP Glycosyltransferase 8, CGT, UDP-Galactose Ceramide Galactosyltransferase, 2-Hydroxyacylsphingosine 1-Beta-Galactosyltransferase, Ceramide UDP-Galactosyltransferase, Cerebroside Synthase,
Description	UGT8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 544 amino acids (21-541 a.a) and having a molecular mass of 61.6kDa.UGT8 is fused to a 23 amino acid His-tag at N-terminus.
Uniprot Accession Number	Q16880
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSAKIIVP PIMFESHMYI FKTLASALHE RGHHTVFLLS EGRDIAPSNH YSLQRYPGIF NSTTSDAFLQ SKMRNIFSGR LTAIELFDIL DHYTKNCDLM VGNHALIQGL KKEKFDLLL V DPNDMCGFVI AHLLGVKYAV FSTGLWYPAE VGAPAPLAYV PEFNSLLTDR MNLLQRMKNT GYYLISR LGV SFLVLPKYER IMQKYNLLPE KSMYDLVHGS SLWMLCTDVA LEFPRPTLPN VVYVGGILTK PASPLPEDLQ RWWNGANEHG FVLVSFGAGV KYLSEDIANK LAGALGRLPQ KVIWRFSGPK PKNLGNNTKL IEWLPQNDLL GHSKIKAFLS HGGLNSIFET MYHGVPVVG I PLFGDHYDTM TRV-
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.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
Formulation and Purity	UGT8 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 85% 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**