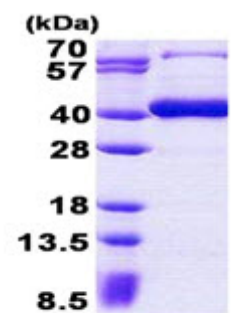


AR50938PU-S

Human B3GAT3 (29-335, His-tag) - Purified

Alternate names:	3-Gal-R glucuronyltransferase, 3-glucuronyltransferase 3, Beta-1, Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 3, GlcAT-I, GlcUAT-I, Glucuronosyltransferase-I, UDP-GlcUA:Gal beta-1
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	Beta-1,3-glucuronyltransferase 3, also known as B3GAT3, is involved in forming the linkage tetrasaccharide present in heparan sulfate and chondroitin sulfate. This protein can also play a role in the biosynthesis of I2/HNK-1 carbohydrate epitope on glycop
Uniprot ID:	O94766
NCBI:	NP_036332
GeneID:	26229
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	AA Sequence: MGSSHHHHH SSGLVPRGSH MGSQPCDCLP PLRAAAEQLR QKDRLISQLQ AELRRPPAP AQPPEPEALP TIYVVTPTYA RLVQKAELVR LSQTLSLVPR LHWLLVEDAE GPTPLVSGLL AASGLLFTHL VVLTPKAQRL REGEPGWHP RGVEQRNKAL DWLRGRGGAV GGEKDPPPPG TQGVVYFADD DNTYSRELFE EMRWTRGVSV WPVGLVGGLR FEGPQVQDGR VVGFTAWEP SRPFPVDMAG FAVALPLLLD KPNAQFDSTA PRGHLESSLL SHLVDPKDLE PRAANCTRVL VWHTRTEKPK MKQEEQLQRQ GRGSDPAIEV Molecular weight: 36.4 kDa (330aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Pedersen L.C., et al. (2000) J. Biol. Chem. 275:34580-34585 Tone Y., et al. (2008) J. Biol. Chem. 283:16801-16807

Pictures:



15% SDS-PAGE (3ug)