

Product datasheet for **AR50938PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	B3GAT3 (29-335, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQPCDCLP PLRAAAEQLR QKDLRISQLQ AELRRPPPAP AQPPEPEALP TIYVVTPTYA RLVQKAELVR LSQTLSLVPR LHWLLVEDAE GPTPLVSGLL AASGLLFTHL VVLTPKAQLR REGEPGWVHP RGVEQRNKAL DWLRGRGGAV GGEKDP PPPG TQGVVYFADD DNTYSRELFE EMRWTRGVSV WPVGLVGGLR FEGPQVQDGR VVGFHTAWEP SRPFPVDMAG FAVALPLLLD KPNAQFDSTA PRGHLESSLL SHLVDPKDLE PRAANCTRVL VWHTRTEPKK MKQEEQLQRQ GRGSDPAIEV
Tag:	His-tag
Predicted MW:	36.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001275650
Locus ID:	26229
UniProt ID:	Q5U676
Cytogenetics:	11q12.3
Synonyms:	GlcAT-I, GlcUAT-I



[View online »](#)

Summary:

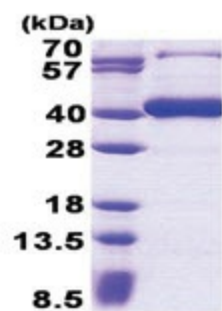
The protein encoded by this gene is a member of the glucuronyltransferase gene family, enzymes that exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product catalyzes the formation of the glycosaminoglycan-protein linkage by way of a glucuronyl transfer reaction in the final step of the biosynthesis of the linkage region of proteoglycans. A pseudogene of this gene has been identified on chromosome 3. [provided by RefSeq, Dec 2013]

Protein Families:

Transmembrane

Protein Pathways:

Chondroitin sulfate biosynthesis, Heparan sulfate biosynthesis, Metabolic pathways

Product images:

15% SDS-PAGE (3ug)