

Recombinant Full Length Human GCNT1 Protein

Cat. No. GCNT1-195HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GCNT1 with N-terminal proprietary tag. Predicted MW 73.15kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	428 amino acids
Description	This gene is a member of the beta-1,6-N-acetylglucosaminyltransferase gene family. It is essential to the formation of Gal beta 1-3(GlcNAc beta 1-6)GalNAc structures and the core 2 O-glycan branch. The gene coding this enzyme was originally mapped to 9q21, but was later localized to 9q13. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Form	Liquid
Molecular Mass	73.150kDa inclusive of tags
AA Sequence	MLRTLRRRLFSYPTKYYFMVLVLSLITFSVLRHQKPEF VSVRHLELAGENPSSDIN CTKVLQGDVNEIQVKLEILTV KFKKRPRWTPDDYINMTSDCSSFIKRRKYIVEPLSK EEAE FPIAYSIVVHHKIEMLDRLLRAIYMPQNFYCIHVDTKSED SYLAAVMGIASCF NVFVASRLESVYASWSRVQADLNCM KDLYAMSANWKYLINLCGMDFPIKTNLEIV RKLKLLMGEN NLETERMPHKEERWKKRYEVVNGKLTNTGTVKMLPPLET PLFSG SAYFVVSREYVGVLQNEKIQKLMEWAQD TYSPDE YLWATIQRIVEVPGSLPASHK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	YDLSDMQAVARFVKWQYFE GDVSKGAPYPPCDGVHVRVCIFGAGDLNWMLRKH HLFAN KFDVDVDLFAIQCLDEHLRHKALETCLKH
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	GCNT1 glucosaminyl (N-acetyl) transferase 1, core 2 [Homo sapiens]
Official Symbol	GCNT1
Synonyms	GCNT1; glucosaminyl (N-acetyl) transferase 1, core 2; glucosaminyl (N acetyl) transferase 1, core 2 (beta 1,6 N acetylglucosaminyltransferase) , NACGT2; beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase; beta 1; 3 galact
Gene ID	2650
mRNA Refseq	NM_001097633
Protein Refseq	NP_001091102
MIM	600391
UniProt ID	Q02742

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA