

GCNT2 抗原（重组蛋白）

中文名称： GCNT2 抗原（重组蛋白）

英文名称： GCNT2 Antigen (Recombinant Protein)

别名： glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group); II; CCAT; IGNT; ULG3; GCNT5; GCNT2C; NACGT1; NAGCT1; CTCRC

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 203-402 amino acids of human GCNT2

技术规格

Full name:	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)
Synonyms:	II; CCAT; IGNT; ULG3; GCNT5; GCNT2C; NACGT1; NAGCT1; CTCRC13 ; bA421M1.1; bA360O19.2
Swissprot:	Q8N0V5
Gene Accession:	BC130524
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes the enzyme responsible for formation of the blood group I antigen. The i and I antigens are distinguished by linear and branched poly-N-acetyllactosaminoglycans, respectively. The encoded protein is the I-branching enzyme, a beta-1,6-N-acetylglucosaminyltransferase responsible for the conversion of fetal i antigen to adult I antigen in erythrocytes during embryonic development. Mutations in this gene have been associated with adult i blood group phenotype. Alternatively spliced transcript variants encoding diff

erent isoforms have been described.