

## 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; CTRC

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

<b>Full name:</b>	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)
<b>Synonyms:</b>	II; CCAT; IGNT; ULG3; GCNT5; GCNT2C; NACGT1; NAGCT1; CTRCT13 ; bA421M1.1; bA360O19.2
<b>Swissprot:</b>	Q8N0V5
<b>Gene Accession:</b>	BC130524
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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 different isoforms have been described.