

## Recombinant Human GANC cell lysate

**Cat. No.** GANC-685HCL    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>    | Glycosyl hydrolase enzymes hydrolyse the glycosidic bond between two or more carbohydrates, or between a carbohydrate and a non-carbohydrate moiety. This gene encodes a member of glycosyl hydrolases family 31. This enzyme hydrolyses terminal, non-reducing 1,4-linked alpha-D-glucose residues and releases alpha-D-glucose. This is a key enzyme in glycogen metabolism and its gene localizes to a chromosomal region (15q15) that is associated with susceptibility to diabetes. |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### GENE INFORMATION

|                        |                                                                                        |
|------------------------|----------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GANC glucosidase, alpha; neutral C [ Homo sapiens ]                                    |
| <b>Official Symbol</b> | GANC                                                                                   |
| <b>Synonyms</b>        | GANC; glucosidase, alpha; neutral C; neutral alpha-glucosidase C; FLJ40082; MGC138256; |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 2595                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>         | NM_198141                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>      | NP_937784                                                                                                                                                                                                                                                      |
| <b>MIM</b>                 | 104180                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>          | Q8TET4                                                                                                                                                                                                                                                         |
| <b>Chromosome Location</b> | 15q15.2                                                                                                                                                                                                                                                        |
| <b>Pathway</b>             | Galactose metabolism, organism-specific biosystem; Galactose metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Starch and sucrose metabolism, organism-specific biosystem; Starch and sucrose metabolism, conserved biosystem; |
| <b>Function</b>            | alpha-glucosidase activity; carbohydrate binding; hydrolase activity, hydrolyzing O-glycosyl compounds; maltose alpha-glucosidase activity;                                                                                                                    |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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