

Recombinant Human GANC cell lysate

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

SPECIFICATION

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	GANC glucosidase, alpha; neutral C [Homo sapiens]
Official Symbol	GANC
Synonyms	GANC; glucosidase, alpha; neutral C; neutral alpha-glucosidase C; FLJ40082; MGC138256;

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Gene ID	2595
mRNA Refseq	NM_198141
Protein Refseq	NP_937784
MIM	104180
UniProt ID	Q8TET4
Chromosome Location	15q15.2
Pathway	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;
Function	alpha-glucosidase activity; carbohydrate binding; hydrolase activity, hydrolyzing O-glycosyl compounds; maltose alpha-glucosidase activity;

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