

UNC13B 抗原（重组蛋白）

中文名称： UNC13B 抗原（重组蛋白）

英文名称： UNC13B Antigen (Recombinant Protein)

别名： unc-13 homolog B; UNC13; MUNC13; Unc13h2; munc13-2

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 1411-1610 amino acids of human UNC13B

技术规格

Full name:	unc-13 homolog B
Synonyms:	UNC13; MUNC13; Unc13h2; munc13-2
Swissprot:	O14795
Gene Accession:	BC111781
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 is expressed in the kidney cortical epithelial cells and is upregulated by hyperglycemia. The encoded protein shares a high level of similarity to the rat homolog, and contains 3 C2 domains and a diacylglycerol-binding C1 domain. Hyperglycemia increases the levels of diacylglycerol, which has been shown to induce apoptosis in cells transfected with this gene and thus contribute to the renal cell complications of hyperglycemia. Studies in other spe

cies also indicate a role for this protein in the priming step of synaptic vesicle exocytosis.