FNDC3B 抗原（重组蛋白）

中文名称：FNDC3B 抗原（重组蛋白）

英文名称： FNDC3B Antigen (Recombinant Protein)

别　名： FAD104; PRO4979; YVTM2421

储　存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	fibronectin type III domain containing 3B
Synonyms:	FAD104; PRO4979; YVTM2421
Swissprot:	Q53EP0
Gene Accession:	BC012204
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Adipogenesis, the process of transforming pre-adipocytes into mature fat cells, is of particular interest due to the role adipocytes play in obesity and type II diabetes. Adipocytes have been shown to affect a variety of functions, including hemostasis, angiogenesis and energy balance, by secreting hormones and bioactive peptides. The FNDC3B protein, also designated FAD104 (factor for adipocyte differentiation 104) or HCV NS5A-binding protein 37, is expressed during early adipogenesis. Belonging to the FNDC3 family of proteins, FNDC3B is a 1,204 amino acid protein that contains nine fibronectin type-III domains. FNDC3B-deficient mice die within one day of birth, suggesting that FNDC3

	B is crucial for postpartum survival. Mouse embryonic fibroblasts (MEFs) with loss of FNDC3B function displayed a reduction in stress fiber formation, indicating a role for FNDC3B in cell proliferation, adhesion, spreading and migration.