

# Recombinant Human FNDC3B

Catalog No: #GP12289



Package Size: #GP12289-1 100ug

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## Description

Product Name	Recombinant Human FNDC3B
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	fibronectin type III domain containing 3B
Other Names	FAD104; PRO4979; YVTM2421
Accession No.	Swissprot:Q53EP0Gene Accession:BC012204
Uniprot	Q53EP0
GeneID	64778;
Storage	-20~-80°C, pH 7.6 PBS

## 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 FNDC3B 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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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