

부기영화 제품개발 의뢰서

1.제품개요			
제품명(가칭)	부기영화 레몬 음료	식품유형	
제형	미세한 탄산의 상큼한 맛 음료	규격	6 개 한묶음
섭취방법	실온보관	포장방법	
유통채널	온라인	판매국가	한국
섭취대상자	청소년, 성인, 직장인, 다이어트여성		

타겟제품: 포카사포로 쿠루미

- <https://www.powderroom.co.kr/board/88466172>

- <https://blog.naver.com/kimsseng/223911631933>

- [https://smartstore.naver.com/mosaoka/products/11319419451?nl-ts-](https://smartstore.naver.com/mosaoka/products/11319419451?nl-ts-pid=jchMVdqqS5EeztAVcKd-)
[pid=jchMVdqqS5EeztAVcKd-](https://smartstore.naver.com/mosaoka/products/11319419451?nl-ts-pid=jchMVdqqS5EeztAVcKd-)

[112562&n_media=11068&n_query=%ED%8F%AC%EC%B9%B4%EC%82%BF%ED%8F%AC%EB%A1%9C&n_rank=1&n_ad_group=grp-a001-02-000000041772029&n_ad=nad-a001-02-000000346328138&n_campaign_type=2&n_mall_id=ncp_1og99q_01&n_mall_pid=11319419451&n_ad_group_type=2&n_match=3&NaPm=ct%3Dmd49frxn%7Cci%3DER43000fc3%2D6154%2D11f0%2D8c21%2D7e9b186d837c%7Ctr%3Dpla%7Chk%3D8638edc72908b995e77642759d9027762136a2ab%7Cnacn%3DKwJlBsgSlzub](https://smartstore.naver.com/mosaoka/products/11319419451?nl-ts-pid=jchMVdqqS5EeztAVcKd-112562&n_media=11068&n_query=%ED%8F%AC%EC%B9%B4%EC%82%BF%ED%8F%AC%EB%A1%9C&n_rank=1&n_ad_group=grp-a001-02-000000041772029&n_ad=nad-a001-02-000000346328138&n_campaign_type=2&n_mall_id=ncp_1og99q_01&n_mall_pid=11319419451&n_ad_group_type=2&n_match=3&NaPm=ct%3Dmd49frxn%7Cci%3DER43000fc3%2D6154%2D11f0%2D8c21%2D7e9b186d837c%7Ctr%3Dpla%7Chk%3D8638edc72908b995e77642759d9027762136a2ab%7Cnacn%3DKwJlBsgSlzub)

성분내용

오로나민씨 같은 약한 탄산이 있는데 굉장히 신맛의 비타민 뷰티음료

- 성분:

레몬과즙(레몬 1 개분량 이상), 비타민 c 1500mg, 구연산(시트르산)
1500mg, 칼륨, 마그네슘, 플라보노이드, 글루타치온, 레몬껍질추출물,
레몬밤

- 효능: 붓기완화, 피로회복,

가격&부자재

-moq 및 전체 생산단가 문의

추가내용

-설탕대신 팔라티노스 같은 성분으로 당 대체 가능할지?

-전체적으로 굉장히 상큼한 신맛이 많이 나면 좋을것 같음

-각성분(원료)에 대한 시험성적서나 원산지증명서,인증서, 비건인증, 코셔인증 등
각종 인증내역 수령 희망(하단내용참조)



-제품 제조과정에서 발생할 수 있는 각종 기술(작게 만드는 기술이나 흡수력 좋게 만드는 기술 등) 서류수령 희망

Article

***Revenbergia pandurata* Attenuates Diet-Induced Obesity by Activating AMP-Activated Protein Kinase and Regulating Lipid Metabolism**

Dae-Young Kim¹, Myoung-Puk Kim², Bo-Kyung Ha¹, Mi-Ra Kim³ and Joo-Kwon Chung^{1,*}

¹ Department of Biotechnology, College of Life Science and Biotechnology, Yonsei University, 50 Yonsei-ro, Seodaemun-gu, Seoul 120-749, Korea; E-Mail: myoungpuk@yonsei.ac.kr (M.-P.K.); jkchung@yonsei.ac.kr (J.-K.C.)

² Department of Biomedical Science and Engineering, Yonsei University, 50 Yonsei-ro, Seodaemun-gu, Seoul 120-749, Korea; E-Mail: suboh41120@yonsei.ac.kr

³ Author to whom correspondence should be addressed; E-Mail: jkchung@yonsei.ac.kr; Tel.: +82-2-3123-0880; Fax: +82-2-3452-7365

Received: 28 December 2011; in revised form: 22 December 2011; accepted: 11 January 2012
Published: 17 January 2012

Abstract: Obesity, a chronic metabolic disorder, is characterized by altered fat mass and composition of lipid metabolism. The medicinal plant, *Revenbergia pandurata* (Rubiaceae) family, has been reported to possess antioxidant and antidiabetic properties. However, its anti-obesity activity is unexplored. The present study was conducted to determine whether *R. pandurata* extract (RPE) attenuates diet-induced obesity in high-fat diet (HFD)-induced obesity in C57BL/6J mice. The mice were divided into three groups: control, HFD, and HFD + RPE. The mice were fed with HFD for 12 weeks and then treated with RPE for 4 weeks. RPE treatment significantly reduced HFD-induced obesity, as measured by body weight, adipose tissue weight, and serum lipid levels. RPE treatment also reduced HFD-induced hyperglycemia and hyperlipidemia. In addition, RPE treatment increased AMP-activated protein kinase (AMPK) signaling and reduced lipid accumulation in adipocytes. These results suggest that RPE may be a potential anti-obesity agent by activating AMPK and regulating lipid metabolism.



나노유화 기술(Phyto-emulsion)

다이어트 성분을 나노 크기로 아주 작게 만들어,
몸이 훨씬 더 빠르게 흡수할 수 있도록 하는 기술

Article

***Revenbergia pandurata* Attenuates Diet-Induced Obesity by Activating AMP-Activated Protein Kinase and Regulating Lipid Metabolism**

Dae-Young Kim¹, Myoung-Puk Kim², Bo-Kyung Ha¹, Mi-Ra Kim³ and Joo-Kwon Chung^{1,*}

¹ Department of Biotechnology, College of Life Science and Biotechnology, Yonsei University, 50 Yonsei-ro, Seodaemun-gu, Seoul 120-749, Korea; E-Mail: myoungpuk@yonsei.ac.kr (M.-P.K.); jkchung@yonsei.ac.kr (J.-K.C.)

² Department of Biomedical Science and Engineering, Yonsei University, 50 Yonsei-ro, Seodaemun-gu, Seoul 120-749, Korea; E-Mail: suboh41120@yonsei.ac.kr

³ Author to whom correspondence should be addressed; E-Mail: jkchung@yonsei.ac.kr; Tel.: +82-2-3123-0880; Fax: +82-2-3452-7365

Received: 28 December 2011; in revised form: 22 December 2011; accepted: 11 January 2012
Published: 17 January 2012

Abstract: Obesity, a chronic metabolic disorder, is characterized by altered fat mass and composition of lipid metabolism. The medicinal plant, *Revenbergia pandurata* (Rubiaceae) family, has been reported to possess antioxidant and antidiabetic properties. However, its anti-obesity activity is unexplored. The present study was conducted to determine whether *R. pandurata* extract (RPE) attenuates diet-induced obesity in high-fat diet (HFD)-induced obesity in C57BL/6J mice. The mice were divided into three groups: control, HFD, and HFD + RPE. The mice were fed with HFD for 12 weeks and then treated with RPE for 4 weeks. RPE treatment significantly reduced HFD-induced obesity, as measured by body weight, adipose tissue weight, and serum lipid levels. RPE treatment also reduced HFD-induced hyperglycemia and hyperlipidemia. In addition, RPE treatment increased AMP-activated protein kinase (AMPK) signaling and reduced lipid accumulation in adipocytes. These results suggest that RPE may be a potential anti-obesity agent by activating AMPK and regulating lipid metabolism.



포접-분산 기술 (Inclusion-Dispersion)

다이어트 성분이 체내에서 천천히 나오도록 하여,
지방 연소 효과를 16시간 이상 지속시키는 기술