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gAcrp30 Mouse

Globular Adiponectin Mouse Recombinant
CYK0167

Product Overview

Name	gAcrp30 Mouse
Description	
Globular Adiponectin Mouse Recombinant	
Accession (Primary)	Q60994
Synonyms	
Acrp30, AdipoQ, GBP-28, APM-1, ACDC.	
Introduction	
Adiponectin (247amino acids) is adipocyte complement-related protein of 30 kDa and exclusively expressed in differentiated adipocytes. APM-1 (Acrp30 Mouse) is a member of the complement factor C1q family and consists of signal sequence, Non-homologous sequence, collagen domain and domain (gAcrp30). Adiponectin expression is reduced in a variety of obese and insulin-resistant states in human, monkeys and mice. Injection of Acrp30 Mouse (247aa) or gAcrp30 (globular domain) lowers serum glucose and free fatty acid level in mice.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
Acrp30 Mouse (1mg/ml) solution containing 20mM Tris-HCl pH7.5, 50mM NaCl, 5mM DTT and 10% Glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MAYMYRSAFS VGLETRVTVP NVPIRFTKIF YNQQNHYDGS TGKFYCNIPG LYYFSYHITVYMKDVKVSLF KKDKAVLFTY DQYQEKNVDQ ASGSVLLHLE VGDQVWLQVY GDGDHNGLYADNVNDSTFTG FLLYHDTN	
References	
Title: Evidence that adiponectin receptor 1 activation exacerbates ischemic neuronal death Publication: Experimental &	

translational stroke medicine 2.1 (2010): 15. Link: gAcrp30 prospec publication

Precautions

gAcrp30 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q60994)