Recombinant Mouse gAcrp30

Catalog No:  
CRA101A  Size:  5 µg  
CRA101B  Size:  25 µg  
CRA101C  Size:  1 mg

Description:  Mouse gAcrp30 is a 16 kDa protein originating from a proteolytic cleavage of Acrp30 (adipocyte complement-related protein of 30 kDa). Research shows that gAcrp30 is more active than the full length of Acrp30. gAcrp30 is expressed and secreted by adipose tissue. gAcrp30 possesses unique pharmacological properties for regulation of body weight and lipid metabolism. It is a key component in controlling energy homeostasis. Recombinant Mouse gAcrp30 is a 16kDa protein consisting of 145 amino acid residues.

Source:  E.coli

Formulation:  The sterile filtered solution was lyophilized from 5mM Tris, pH 7.6.

Stability:  The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted gAcrp30 should be stored in working aliquots at -20°C.

Purity:  Greater than 98% by SDS-PAGE. Endotoxin level is less than 0.1 ng per µg (1EU/µg).

Reconstitution:  We recommend a quick spin followed by reconstitution in 5 mM Tris, pH 7.6 to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other buffers and stored at 4°C for 1 week or stored at -20°C for future use.

AA Sequence:  MKGEPGEAAY MYRSAFSVGL ETRVTVNPVP IRFTKIFYNQ QNHYDGSTGK FYCNIIPGLEY FYSHITVYMK DVKVSLFKKD KAVLFTYDQY QEKNVDQASG SVLLHLEVGD QVWLQVYGDG DNGLYADNV NDSTFTGFLL YHDTN

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