Human gAcrp30 / Adipolean (globular)

Synonyms: Acrp30, AdipoQ, GBP-28, APM-1, ACDC.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	1415.950.005		
25 µg	1415.950.025		
1 mg	1415.950.199		

Please enquire for bulk quantities and other vial sizes.

Description

gAcrp30 Human Recombinant produced in *E.Coli* is a non-glycosylated, Polypeptide chain containing 145 amino acids and having a molecular mass of 16.7 kDa.

- **Source** *E. coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** Sterile filtered and lyophilized from 10mM sodium phosphate & 0.5 mM DTT, pH 7.5*

Biological Activity

gAcrp30 activity is determined by its ability to inhibit the proliferation of mouse M1 cells. The expected ED_{50} for this effect is 669ng/ml, corresponding to a specific activity of 1.5 x103units/mg.

Reconstitution

We recommended reconstituting gAcrp30 at a concentration of 0.1 mg per ml with 10mM sodium phosphate & 0.5 mM DTT, pH 7.5. which can then be further diluted to other aqueous solutions.

Stability

For long term, store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time two weeks.

Amino Acid Sequence

MKGEPGEGAY VYRSAFSVGL ETYVTIPNMP IRFTKIFYNQ QNHYDGSTGK FHCNIPGLYY FAYHITVYMK DVKVSLFKKD KAMLFTYDQY QENNVDQASG SVLLHLEVGD QVWLQVYGEG ERNGLYADND NDSTFTGFLL YHDTN

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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