

Human Adiponectin (Acrp30), His-Tag

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
10 µg	1105.950.010		
50 µg	1105.950.050		
1 mg	1105.950.199		

Please enquire for bulk quantities and other vial sizes

Description

The Acrp30 Human is created as a recombinant protein with N-terminal fusion of His Tag. The Adiponectin His-Tagged Fusion Protein, produced in *E. coli*, is 26.4 kDa protein containing 230 amino acid residues of the Acrp30 Human and 12 additional amino acid residues - HisTag (underlined).

- **Source** *E. Coli*
- **Purity** Acrp30 Human purity is greater than 95% (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Acrp30 Human was filtered (0.4µm) and lyophilized from 0.5 mg/ml in 0.02M Tris buffer pH7.5, 0.15M NaCl*
- **Physical state** Filtered white lyophilized (freeze-dried) powder

Reconstitution

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.

Stability

Store lyophilized Acrp30 Human at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted Acrp30 Human can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence

MRGSHHHHHH GSGHDQETTT QGPGVLLPLP KGA CTGWMAG IPGHPGHNGA PGRDGRDGTP GEKGEKGDGP
 LIGPKGDIGE TGVPGAEGPR GFPGIQGRKG EPGEGAYVYR SAFSVGLETY VTIPNMPIRF TKIFYNQONH
 YDGSTGKFHC NIPGLYYFAY HITVYMKDKV VSLFKKDKAM LFTYDQYQEN NVDQASGSVL LHLEVGDQVW
 LQVYGEGERN GLYADNDNDS TFTGFLLYHD TN

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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