

Product Data Sheet

Recombinant Mouse ADIPOQ Protein

Catalog #	Source	Reactivity	Applications
CRP1024	E. coli	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse ADIPOQ Protein is produced by our E. coli expression system and the target gene encoding Glu18-Asn247 is expressed with a 6His tag at the N-terminus.		
Form	Lyophilized from a 0.2 µM filtered solution of PBS, pH 7.4.		
Gene Symbol	ADIPOQ		
Alternative Names	ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte, C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1 protein; apM-1; Gelati		
Entrez Gene	11450 (Mouse)		
SwissProt	Q60994 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MEDDVTTEE LAPALVPPPK GTCAGWMAGI PGHPGHNGTP GRDGRDGTGP EKGEKGDAGL LGPKGETGDV GMTGAEGPRG FPGTPGRKGE PGAAAYVYRS AFSVGLETRV TVPNVPIRFT KIFYNQNNHY DGSTGKFYCN IPGLYYFSYH ITVYMKDVKV SLFKKDKAVL FTYDQYQEKV VDQASGSVLL HLEVGDQVWL QVYGDGDHNG LYADNVNDST FTGFLYHDT N		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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