

rhAdiponectin

Recombinant Human Adiponectin

Adiponectin, also referred to as Acrp30, AdipoQ and GBP28 is a protein secreted from adipocyte. Adiponectin is present as three different oligomeric complexes, including the high molecular weight (HMW), the middle molecular weight (MMW) and the low molecular weight (LMW) forms. It is hypothesized that regulation of adiponectin multimerization and secretion occurs via changes in post-translational modifications.

Adiponectin plays a role in physiological processes such as energy homeostasis, inflammation, and obesity. Plasma levels of adiponectin are reduced in obese humans, and decreased levels are associated with insulin resistance and hyperinsulinemia. .

specifications

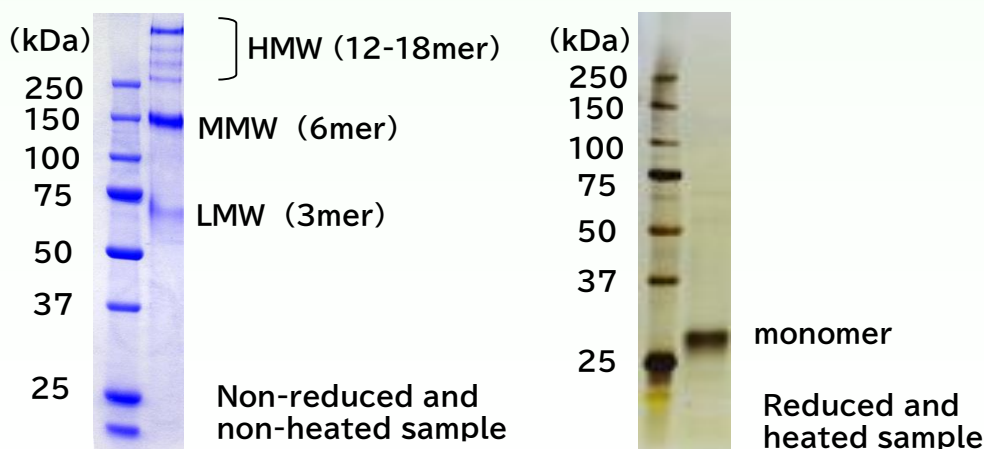
Recombinant Human Adiponectin

Host	: CHO
Origin	: human
Molecular mass	: > 28 kDa (monomer, predicted)
Concentration	: 1 mg/mL
purity	: > 95% (SDS-PAGE)
Endotoxin level	: < 0.1 EU/mg
Storage	: Frozen, below -70°C

*Avoid freeze and thaw cycles.

*Every manufacturing lot is checked

*For their quality in terms of the above items.



CBB staining

Silver staining

Support For Metabolic Syndrome Research OYC research reagents

Specifications

- ◆ The protein was expressed in mammalian cells.
- ◆ The product forms multimers (3, 6, and 12-18 mer) as in the circulation, and is not fused with tags.

Item	Catalog number	Packing size
Human Adiponectin	47620000	100 µg

*For bulk inquiry, please contact us below.

*For research purposes only. Not for therapeutic or diagnostic use.

References

1. Maeda, K., *et al.* (1996): *Biochem, Biophys. Res. Commun.* 221: 286.
2. Nakano, Y., *et al.* (2006): *J. Lipid Res.* 47: 1572.
3. Ayanthi, A., *et al.* (2006): *Mol. Endocrinol.* 20 (7): 1673.
4. Kumagai, H., *et al.* (2007): *Contrib.Nephrol.* 155: 59.
5. Tonelli, J., *et al.* (2004): *Diabetes.*53: 1621.
6. Yamauchi, T., *et al.* (2007): *Nat. Med.* 13: 332.

Please contact the one that best suits your need.

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