



# Recombinant Bovine Adiponectin (ADIPOQ)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-BP661101BO                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Abbreviation</b>      | ADIPOQ                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                          |
| <b>Uniprot No.</b>       | Q3Y5Z3                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen Species</b> | Bos taurus (Bovine)                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sequence</b>          | EDNMEDPPLPKGACAGWMAGIPGHPGHNGTPGRDGRDGTGPGEKGEKGD<br>LVGPKGDTGETGITGIEGPRGFPGTPGRKGEPGESAYVYRSAFSVGLERQVT<br>VPNVPIRFTKIFYNQNHYDGTGKFLCNIPGLYYFSYHITVYLKDVKVS<br>LYKND KALLFTHDQFQDKNVDQASGSVLLYLEKGDQVWLQVYEGENHNGVYADNVN<br>DSTFTGFLLYHNIVE                                                                                                                                                               |
| <b>Research Area</b>     | Others                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>            | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Target Names</b>      | ADIPOQ                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Names</b>     | Recommended name: Adiponectin Alternative name(s): 30 kDa adipocyte complement-related protein Adipocyte complement-related 30 kDa protein Short name= ACRP30 Adipocyte, C1q and collagen domain-containing protein Adipose most abu                                                                                                                                                                        |
| <b>Expression Region</b> | 18-240aa                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.                                                                                                                                                                                                                                                                                                          |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Target Details</b>    | This gene is expressed in adipose tissue exclusively. It encodes a protein with similarity to collagens X and VIII and complement factor C1q. The encoded protein circulates in the plasma and is involved with metabolic and hormonal processes.                                                                                                                                                           |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.                                                                                                                                                                                                                                                                  |



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