

# Recombinant Full Length Mouse C1qtnf5 Protein, His tagged

**Cat. No.** C1qtnf5-30M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse C1qtnf5 Protein, Sourced from HEK293, Met1-Ala243, with C-terminal His Tag.                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-243 aa                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | Complement C1q tumor necrosis factor-related protein 5 (CTRP5), is a member of the CTRP family of proteins that share structural and functional similarity to adiponectin. CTRP5 is an important molecule in metabolism regulation and is expressed in a variety of tissues such as spleen, testis, and adipose. Elevated circulating levels have been observed in obesity associated diabetes in animal models. |
| <b>Form</b>             | Lyophilized from 1× PBS with Trehalose                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 25.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>           | >95% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>     | ELISA and Western Blot Analysis                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | 2 years at -20 to -80 centigrade as supplied. Upon reconstitution: 2 years at -80 centigrade; 2 years at -20 centigrade For long-term storage, store for up to 2 years at                                                                                                                                                                                                                                        |

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-20 & -80 centigrade after reconstitution. Expiration is 2 years from date of receipt.

**Shipping** Ambient

**Reconstitution** Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein.

## GENE INFORMATION

**Gene Name** C1qtnf5 C1q and tumor necrosis factor related protein 5 [ Mus musculus (house mouse) ]

**Official Symbol** C1qtnf5

**Synonyms** C1QTNF5; C1q and tumor necrosis factor related protein 5; complement C1q tumor necrosis factor-related protein 5; Ctrp5;

**Gene ID** 235312

**mRNA Refseq** NM\_001040631

**Protein Refseq** NP\_001035721

**UniProt ID** Q8K479

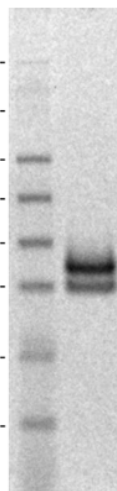
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**SDS-PAGE**

118kDa-  
98kDa-  
62kDa-  
49kDa-  
38kDa-  
28kDa-  
14kDa-  
6kDa-



Mouse CTRP5 (2 $\mu$ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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