

# Recombinant Human C1QTNF5, His-tagged, Globular Domain

**Cat. No.** C1QTNF5-2107H    **Lot. No.** (See product label)

## SPECIFICATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Recombinant Human C1QTNF5 produced in <i>E. coli</i> . The globular domain of human CTRP5 (aa 96-243) is fused at the N-terminus to a His-tag.                                                                                                                                                                                                                                                                            |
| <b>Species</b>           | Human                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Length</b>    | 96-243 a.a.                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>       | CTRP5 is a member of the CTRP family designated as C1q tumor necrosis factor-related proteins. The CTRPs are paralogs of the adiponectin protein characterized by an N-terminus variable region and C-terminal globular domain (C1q). CTRP5 is a putative secreted protein. A mutation in CTRP5 gene has been genetically linked to the Late-onset retinal degeneration (L-ORD) disease which lead to severe visual loss. |
| <b>Concentration</b>     | ~1mg/ml.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>            | ≥90% (SDS-PAGE).                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Formulation</b>       | Liquid. 0.2µm-filtered solution in 55mM Tris-Cl, pH 8.2, containing 150mM sodium chloride.                                                                                                                                                                                                                                                                                                                                |
| <b>Endotoxin Content</b> | <1EU/µg purified protein (LAL test).                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Term Storage</b>      | -20°C.                                                                                                                                                                                                                                                                                                                                                                                                                    |

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**Handling** After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

**Stability** Working aliquots are stable for up to 3 months when stored at -20°C.

## GENE INFORMATION

**Gene Name** C1QTNF5 C1q and tumor necrosis factor related protein 5 [ Homo sapiens ]

**Synonyms** C1QTNF5; C1q and tumor necrosis factor related protein 5; complement-c1q tumor necrosis factor-related protein 5; complement C1q tumor necrosis factor-related protein 5; LORD; CTRP5; FLJ30570; DKFZp586B0621; Complement C1q tumor necrosis factor-related protein 5; UNQ303/PRO344

**Gene ID** 114902

**mRNA Refseq** NM\_015645

**Protein Refseq** NP\_056460

**UniProt ID** Q9BXJ0.1

**Chromosome Location** 11q23.3

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