# Recombinant Human CTGF protein, His-tagged

**Cat. No.** CTGF-1359H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human CTGF protein(Q5M8T4)(Gln27-Ala349), fused with C-terminal His tag, was expressed in HEK293. |
| **Species** | Human |
| **Source** | C-His |
| **ProteinLength** | Gln27-Ala349 |
| **Tag** | C-His |
| **Form** | Supplied as 0.22μm filtered solution in PBS (pH 7.4). |
| **Bio-activity** | Immobilized Human CTGF, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-CTGF Antibody, hFc Tag with the EC50 of 7.7ng/ml determined by ELISA. |
| **Molecular Mass** | The protein has a predicted MW of 36.56 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result. |
| **Endotoxin** | Less than 1EU per μg by the LAL method. |
| **Purity** | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC. |
| **Storage** | Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot |

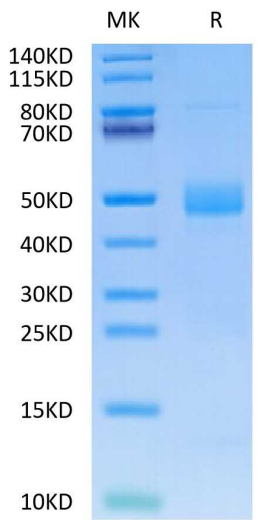
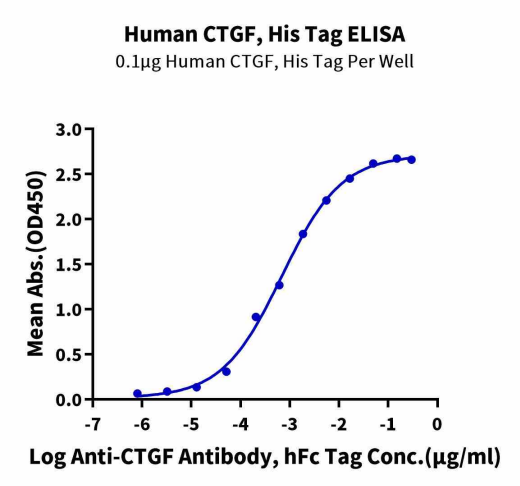
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| | the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | CTGF connective tissue growth factor [ Homo sapiens ] |
| **Official Symbol** | CTGF |
| **Synonyms** | CTGF; connective tissue growth factor; CCN2; IGFBP8; IBP-8; IGFBP-8; CCN family member 2; IGF-binding protein 8; hypertrophic chondrocyte-specific protein 24; insulin-like growth factor-binding protein 8; NOV2; HCS24; MGC102839; |
| **Gene ID** | 1490 |
| **mRNA Refseq** | NM_001901 |
| **Protein Refseq** | NP_001892 |
| **MIM** | 121009 |
| **UniProt ID** | P29279 |

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| **Tris-Bis PAGE** |  |
| **ELISA** |  |

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