

CTGF/CCN2 recombinant protein

Biotinylated Human CTGF/CCN2 Protein Recombinant

CATALOG #	HOST
AAA76297	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

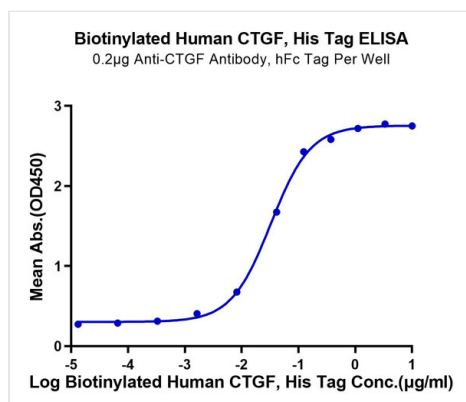
PRODUCT SYNONYMS

CTGF/CCN2; Biotinylated Human CTGF/CCN2 Protein Recombinant; CTGF/CCN2 recombinant protein

PRODUCT SPECIFICATIONS

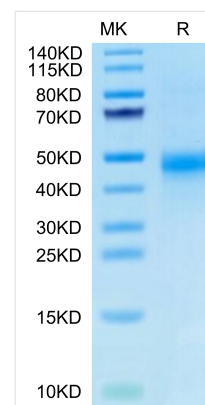
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human CTGF/CCN2 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human CTGF/CCN2 including a C-His-Avi tag was expressed in HEK293 Cells.The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



ELISA

Biotinylated Human CTGF/CCN2 Protein ELISA Data: Immobilized Anti-CTGF Antibody at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CTGF, His Tag with the EC50 of 32.6ng/ml determined by ELISA.



Tris-Bis-PAGE

Biotinylated Human CTGF/CCN2 Protein Tris-Bis PAGE: Biotinylated Human CTGF on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CTGF/CCN2 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q5M8T4
Molecular Weight	Recombinant Human CTGF/CCN2 is a protein consisting of amino acid residues [Gln27-Ala349]. The protein has a predicted MW of 38.4 kDa. Due to glycosylation, the protein migrates to 43-53 kDa based on Tris-Bis PAGE result.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ctgf/ccn2-recombinant-protein-hek293/76297>