

## PRODUCT DATA SHEET

### Connective Tissue Growth Factor Human HEK293

**Cat. No.:** RD172035100-HEK

**Size:** 0.1 mg

**Source:** HEK293

**Type:** Recombinant protein

**Species:** Human

**Other Names:**

Hypertrophic chondrocyte-specific protein 24, Insulin-like growth factor-binding protein 8, IGF-binding protein 8, IGFBP-8, IBP-8, CCN family member 2, CTGF, CCN2, HCS24

**Description:**

Total 329 AA, UniProt P29279 (Gln27-Ala349). MW: 36 kDa (calculated). C-terminal 6×His tag. Protein identity confirmed by MS.

**Amino Acid Sequence:**

QNCSGPCRCP DEPAAPRCFAG VSLVLDGCGC CRVCAKQLGE LCTERDPCDP HKGLFCHFSGS  
PANRKIGVCT AKDGAPCIFG GTVYRSGESF QSSCKYQCTC LDGAVGCMPPL CSMDVRLPSP  
DCPFPRRVKL PGKCCEEWVC DEPKDQTVVG PALAAYRLED TFGPDPTMIR ANCLVQTTEW  
SACSKTCGMG ISTRVTNDNA SCRLEKQSRL CMVRPCEADL EENIKKGKKC IRTPKISKPI  
KFELSGCTSM KTYRAKFCGV CTDGRCCTPH RTTTLPEVEFK CPDGEVMKKN MMFIKTCACH  
YNCPGDNDIF ESLYYRKMYG DMAHHHHHH

**Purity:**

> 90 % by SDS-PAGE

**Endotoxin:**

< 1.0 EU/μg

**Formulation:**

Sterile filtered (0.2 μm) and frozen from 0.10 – 0.30mg/mL solution in 0.1M citrate buffer pH 4,7 containing 20% (w/v) glycerol.

**Reconstitution:**

Defrost at ambient temperature

**Shipping:**

On ice. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

Store protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles. The thawed protein can be stored at 4 °C for a week.

**Quality Control:**

BCA to determine quantity of the protein.  
SDS PAGE to determine purity of the protein.  
Endotoxin level determination.

**Applications:**

ELISA, Western blotting

**Note:**

This product is intended for research use only.