

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 HKGLFCHFGS
PANRKIGVCT AKDGAPCIFG GTVYRSGESF QSSCKYQCTC LDGAVGCMPPL CSMDVRLPSP
DCPFPRRVKL PGKCCEEWVC DEPKDQTVVG PALAAYRLED TFGPDPTMIR ANCLVQTTEW
SACSKTCGMG ISTRVTNDNA SCRLEKQSRL CMVRPCEADL EENIKKGKKC IRTPKISKPI
KFELSGCTSM KTYRAKFCGV CTDGRCCPTH RTTTLPEFEK CPDGEVMKKN MMFIKTCACH
YNCPGDNDIF ESLYYRKMVG 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.