

## PRODUCT DATA SHEET

### Collagen Triple Helix Repeat-Containing Protein 1 Human HEK293

**Cat. No.:** RD172394100-HEK

**Size:** 0.1 mg

**Source:** HEK293

**Type:** Recombinant protein

**Species:** Human

**Other Names:**

NMTC1, CTHRC1

**Description:**

Total 219 AA. MW: 23.9 kDa (calculated). UniProtKB acc. No. Q96CG8 (Ser31–Lys243). C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

**Amino Acid Sequence:**

SEIPK GKQKA QLRQREVVDL YNGMCLQGPA GVPGRD GSPG ANGIPGTPGI PGRDGFKGEK  
GECLRESFEE SWTPNYKQCS WSSLNYGIDL GKIAECTFTK MRSNSALRVL FSGSLRLKCR  
NACCQRWYFT FNGAEC SGPL PIEAIIYLDQ GSPEMNSTIN IHR TSSVEGL CEGIGAGLVD  
VAIWVGTCS D YPKGDASTGW NSVSRIIEE LPKHHHHHHH

**Purity:**

> 90 % by SDS-PAGE

**Endotoxin:**

< 1.0 EU/μg

**Formulation:**

Filtered (0.4 μm) and lyophilized in phosphate buffered saline pH 7.5.

**Reconstitution:**

Add 200 μl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

**Shipping:**

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted 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.