

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.