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# Recombinant Human PTK7/CCK4 Protein

**Catalog No.: RP02660** Recombinant

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---|---|---|
| Human | 5754 | Q13308 |

**Tags**
C-His

**Synonyms**
CCK-4; PTK7

## Product Information

**Source**
HEK293 cells

**Purification**
> 95% by SDS-PAGE.

**Endotoxin**
< 0.1 EU/μg

**Formulation**
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

**Reconstitution**
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact


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## Background

Protein Tyrosine Kinase 7 (PTK7) is as a critical regulator of canonical and non-canonical Wnt-signaling during embryonic development and cancer cell formation. Disrupting PTK7 activity perturbs vertebrate nervous system development, and also promotes human cancer formation. Observations in different model systems suggest a complex cross-talk between PTK7 protein and Wnt signaling.

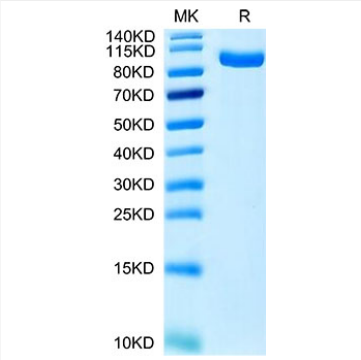
## Basic Information

**Description**
Recombinant Human PTK7/CCK4 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala31-Thr704) of human PTK7/CCK4 (Accession #Q13308) fused with a His tag at the C-terminus.

**Bio-Activity**

**Storage**
Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

## Validation Data




Human PTK7/CCK4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.