Recombinant Human PTK7/CCK4 Protein

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Catalog No.: RP02660 Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 5754 013308

Tags C-His

Synonyms

CCK-4; PTK7

Product Information

Source Purification HEK293 cells ≥ 95 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

75.46 kDa 90-110 kDa

Endotoxin

< 0.1 EU/ μ g of the protein by LAL method.

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

<u>a</u>	400-999-6126
\bowtie	cn.market@abclonal.com.cn
•	www.abclonal.com.cn

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

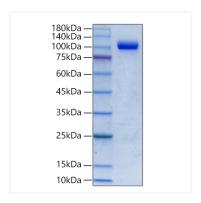
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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



Recombinant Human PTK7/CCK4 Protein was determined by Tris-Bis PAGE under reducing conditions.