

RP03307LQ

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Recombinant Human CDK17&Cyclin Y Kinase

Catalog No.: RP03307LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Baculovirus-Insect Cells	5128&21977Q00537&Q8	ND76

Tags

N-GST (CDK17) & N-Flag (Cyclin Y)

Synonyms

CDK17; PCTAIRE2; PCTK2; Cyclin-dependent kinase 17; Cyclin Y; CCNY; C10orf9; CBCP1; CFP1; Cyclin-Y

Product Information

Source

Purification

≥ 90 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Supplied as a 0.22 μm filtered solution in 20 mM HEPES, 200 mM NaCl, 5% glycerol, 1 mM DTT. (pH 7.5). Contact us for customized product form or formulation.

Reconstitution

Please use running water to thaw it quickly.

Contact



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Background

CDK17 also known as Serine/threonine-protein kinase PCTAIRE-2 belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It is highly expressed in terminally differentiated neurons, particularly those found in hippocampal regions and olfactory bulbs.

Basic Information

Description

Recombinant Human CDK17&Cyclin Y Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Met1-Phe523 (CDK17) & Met1-Ser341 (Cyclin Y)) of Human CDK17&CCNY (Accession #Q00537&Q8ND76) fused with a N-GST (CDK17) & N-Flag (Cyclin Y) tag.

Bio-Activity

The activity of CDK17/Cyclin Y is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

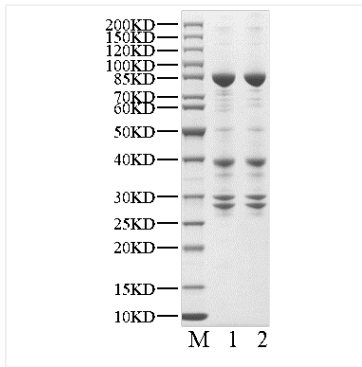
Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Aliquots below 10 μL are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles.

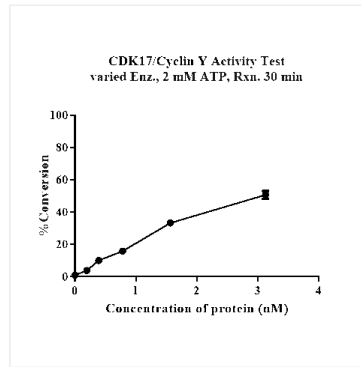
Avoid repeated freeze/thaw cycles.

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Validation Data



Recombinant Human CDK17&Cyclin Y Kinase was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



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