Recombinant Human CDK17&Cyclin Y Kinase

Catalog No.: RP03307LQ

Sequence Information

Species	Gene ID
Human	5128&219771

Swiss Prot	Tags
Q00537&Q8ND76	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
Baculovirus-Insect Cells	≥ 90 % as determined by SDS-PAGE;≥ 90 % as determined by HPLC.

Calculated MW	Observed MW
86.1 kDa/41.3 kDa	75-85 kDa/25-40 kDa

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.

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.

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

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70℃

Operational Notes

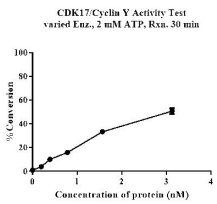
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

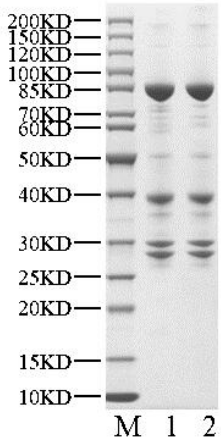
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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.



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