

CDK19-CCNC-MED12 Protein, Human (Sf9)

Cat. No.:	HY-P701363
Synonyms:	CDK19; CCNC; MED12; Cyclin-dependent kinase 19; CDC2-related protein kinase 6; Cell division cycle 2-like protein kinase 6; Cell division protein kinase 19; Cyclin-dependent kinase 11; Death-preventing kinase; Cyclin-C; SRB11 homolog; hSRB11; Mediator of RNA polymerase II transcription subunit 12; Activator-recruited cofactor 240 kDa component; ARC240; CAG repeat protein 45; Mediator complex subunit 12; OPA-containing protein; Thyroid hormone receptor-associated protein complex 230 kDa component; Trap230; Trinucleotide repeat-containing gene 11 protein
Species:	Human
Source:	Sf9 insect cells
Accession:	Q9BWU1 (M1-Y502)&P24863 (M1-S283)&Q93074 (M1-D100)
Gene ID:	23097&892&9968
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	CDK19 is the paralog of CDK8. CDK19 plays a key role in cellular homeostasis and developmental programming ^[1] . CDK19 can interact with p53 to inhibit p53-mediated transcription of p21, and regulates the proliferation of hematopoietic stem cells and acute myeloid leukemia cells ^[2] . Besides, CDK8 and CDK19 can cooperate with each other in supporting leukemia cell growth, stimulating NFκB-induced transcription and Dengue virus replication ^[3] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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