

Recombinant Human CCNY, GST-tagged

Cat. No. CCNY-130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Cyclin Y (2-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	2-end a.a.
Description	Cyclin Y belongs to the highly conserved cyclin family. The members of the cyclin family are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclin Y plays an important role in the processes of transcription, DNA repair, and cell cycle progression. Cyclin Y regulates cyclin-dependent kinases. Cyclin Y is an isoform of CCNY that is also known as CFP1 variant A which has a calculated molecular mass of 36.9 kD. Cyclin Y specifically activates transcription through the MYC promoter.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~65 kDa
Purity	>80% by densitometry
Applications	Western Blot

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Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 µg/µl
GENE INFORMATION	
Gene Name	CCNY cyclin Y [Homo sapiens]
Official Symbol	CCNY
Synonyms	CCNY; cyclin Y; C10orf9, chromosome 10 open reading frame 9; cyclin-Y; CBCP1; CFP1; cyc-Y; cyclin-X; cyclin box protein 1; cyclin fold protein 1; cyclin-box carrying protein 1; CCNX; C10orf9; FLJ95513;
Gene ID	219771
mRNA Refseq	NM_145012
Protein Refseq	NP_659449
MIM	612786
UniProt ID	Q8ND76
Chromosome Location	10p11.22
Function	cyclin-dependent protein kinase regulator activity; protein binding; protein kinase binding;

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