

Product datasheet for **TP761938**

Cyclin B1 (CCNB1) (NM_031966) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human cyclin B1 (CCNB1),full length, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full length of CCNB1
Tag:	N-His
Predicted MW:	48.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_114172
Locus ID:	891
UniProt ID:	P14635
RefSeq Size:	2177
Cytogenetics:	5q13.2
RefSeq ORF:	1299
Synonyms:	CCNB



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Summary: The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). The encoded protein is necessary for proper control of the G2/M transition phase of the cell cycle. [provided by RefSeq, Aug 2017]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Cell cycle, Oocyte meiosis, p53 signaling pathway, Progesterone-mediated oocyte maturation

Product images:

