

OriGene Technologies, Inc.

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Product datasheet for TP761938

Cyclin B1 (CCNB1) (NM_031966) Human Recombinant Protein

Product data:

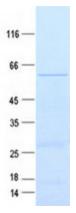
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human cyclin B1 (CCNB1),full length, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full length of CCNB1
Tag:	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.
Storage: Stability:	Store at -80°C. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
-	Stable for 12 months from the date of receipt of the product under proper storage and
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Stability: RefSeq:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_114172</u>
Stability: RefSeq: Locus ID:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP 114172</u> 891
Stability: RefSeq: Locus ID: UniProt ID:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP 114172</u> 891 <u>P14635</u>
Stability: RefSeq: Locus ID: UniProt ID: RefSeq Size:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_114172</u> 891 <u>P14635</u> 2177
Stability: RefSeq: Locus ID: UniProt ID: RefSeq Size: Cytogenetics:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP 114172</u> 891 <u>P14635</u> 2177 5q13.2



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	Cyclin B1 (CCNB1) (NM_031966) Human Recombinant Protein – TP761938
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 Pathway	s: Cell cycle, Oocyte meiosis, p53 signaling pathway, Progesterone-mediated oocyte maturation

Product images:



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