

Recombinant Mouse Plk2 protein, His&Myc-tagged

Cat. No. Plk2-4478M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Plk2 protein(P53351)(1-682aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-682aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	85.3 kDa
AA Sequence	MELLRTITYQPAAGTKMCEQALGKACGGDSKKKRPQQPSEDGQPQAQVTPAAPHH HHHHSHSGPEISRIIVDPTTGKRYCRGKVLGKGGFAKCYEMTDLTNNKVYAAKIIPHS RVAKPHQREKIDKEIELHRLHHKHVVQFYHYFEDKENIYILLEYCSRRSMAHILKARK VLTEPEVRYYLQRQIVSGLKYLHEQEILHRDLKLGNNFFINEAMELKVGDFGLAARLEPL EHRRRTICGTPNYLSPEVLNKQGHGCESDIWALGCVMYTMLLGRPPFETTNLKETY RCIREARYTMPSSLLAPAKHLIASMLSKNPEDRPSLDDIIRHDFFLQGFTPDRLSSSC CHTVPDFHLSSPAKNFFKAAAAALFGGKKDKARYNDTHNKVSKEDEDIYKLRHDLKK VSITQQPSKXRADEEPQPPPTTVARSGTSAVENKQQIGDAIRMIVRGTLGSCSSSSE CLEDSTMGSVADTVARVLRGLENMPEADCIPKEQLSTSFQWVTKWVDYSNKYGF GYQLSDHTVGVLFNNGAHMSLLPDKKTVHYAELGQCSVFPATDAPEQFISQVTVL

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KYFSHYMEENLMDGGDLPSVTDIRRPRLYLLQWLKSDKALMMLFNDGTFQVNFYHD
HTKIIICNQSEEYLLTYINEDRISTTFRLLTLLMSGCSLELKNRMEYALNMLLQRCN

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name [Plk2 polo-like kinase 2 \(Drosophila\) \[Mus musculus \]](#)

Official Symbol [Plk2](#)

Synonyms PLK2; polo-like kinase 2 (Drosophila); serine/threonine-protein kinase PLK2; PLK-2; serum-inducible kinase; serine/threonine-protein kinase SNK; Snk;

Gene ID [20620](#)

mRNA Refseq [NM_152804](#)

Protein Refseq [NP_690017](#)

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