

## Recombinant Human WEE1 Protein (247-end), N-GST tagged

Cat. No. WEE1-35H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human WEE1 (amino acids 247-end) was expressed by E. coli cells using an N-terminal Glutathione-S-Transferase fusion protein.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	247-end
<b>Description</b>	This gene encodes a nuclear protein, which is a tyrosine kinase belonging to the Ser/Thr family of protein kinases. This protein catalyzes the inhibitory tyrosine phosphorylation of CDC2/cyclin B kinase, and appears to coordinate the transition between DNA replication and mitosis by protecting the nucleus from cytoplasmically activated CDC2 kinase.
<b>Form</b>	Liquid (sterile filtered)
<b>Purity</b>	> 75 % by densitometry
<b>Applications</b>	WEE1 Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol. WEE1 Protein is suitable for use in Western Blot. Expect a band approximately ~110 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
<b>Stability</b>	Expiration date is one year from date of receipt.

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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

**Shipping** Dry Ice

## GENE INFORMATION

**Gene Name** [WEE1 WEE1 G2 checkpoint kinase \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [WEE1](#)

**Synonyms** WEE1; WEE1 G2 checkpoint kinase; WEE1A; WEE1hu; wee1-like protein kinase; WEE1 homolog; WEE1+ homolog; protein kinase; wee1A kinase; EC 2.7.10.2

**Gene ID** [7465](#)

**mRNA Refseq** [NM\\_003390](#)

**Protein Refseq** [NP\\_003381](#)

**MIM** [193525](#)

**UniProt ID** [P30291](#)

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