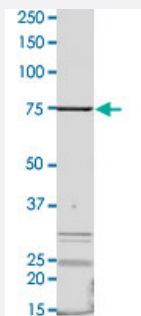


Bioactive

WEE1 (Human) Recombinant Protein

Catalog # P4796 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human WEE1 (X62048, 250 a.a. - 646 a.a.) partial Recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	74.902
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	One-step affinity purification using GSH-agarose
Concentration	0.142 ug/uL

Activity	2 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0 (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — WEE1

Entrez GeneID	7465
Protein Accession#	X62048
Gene Name	WEE1
Gene Alias	DKFZp686l18166, FLJ16446, WEE1A, WEE1hu
Gene Description	WEE1 homolog (S. pombe)
Omim ID	193525
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	WEE1+ homolog wee1 tyrosine kinase wee1-like protein kinase

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)