

Human Hec1

01/21

CATALOG NO:	P1671-50 50 µg
ALTERNATE NAMES:	Kinetochores protein NDC80 homolog; Highly expressed in cancer protein; Kinetochores protein Hec1; HsHec1; Kinetochores-associated protein 2; Retinoblastoma-associated protein HEC
MOL. WT.	41.01 kDa
ACCESSION NO:	O14777
PURITY:	≥ 90% by SDS-PAGE
SOURCE:	<i>E.coli</i>
TAG:	His Tag
AMINO ACID SEQUENCE:	The target protein is expressed with the sequence (Pro290-Glu642) of human Hec1 with a His tag at the N-terminus.
FORM:	Lyophilized protein
FORMULATION:	Lyophilized from PBS, pH 7.5
RECONSTITUTION:	Reconstitute in sterile water to a concentration of 1 mg/ml.
STORAGE CONDITIONS:	Store at -20 °C or -80 °C. After reconstitution, divide into small aliquots and store at -20 °C or -80 °C. Avoid repeated freeze-thaw cycles.
DESCRIPTION:	Hec1 is a component of the kinetochores outer layer, which is required for chromosome segregation and spindle checkpoint activity. It is required for kinetochores integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochores. It is overexpressed in a variety of human cancers and maybe used for the prognosis of primary breast cancer.

RELATED PRODUCTS:

HEC1 Antibody (Cat. No. 3763)
INH6 (Cat. B2907)
NEK7, Active (Cat. No. 7717)
Nek2/Hec1 inhibitor (Cat. No. B2924)
Human Stathmin 1 / STMN1 Protein (Cat. No. 7881)

FOR RESEARCH USE ONLY! Not to be used on humans.