

Recombinant Human NDC80 cell lysate

Cat. No. NDC80-952HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	HEC is one of several proteins involved in spindle checkpoint signaling. This surveillance mechanism assures correct segregation of chromosomes during cell division by detecting unaligned chromosomes and causing prometaphase arrest until the proper bipolar attachment of chromosomes is achieved.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NDC80 NDC80 kinetochore complex component homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	NDC80
Synonyms	NDC80; NDC80 kinetochore complex component homolog (S. cerevisiae); highly expressed in cancer, rich in leucine heptad repeats (yeast) , kinetochore associated 2 , KNTC2; kinetochore protein NDC80 homolog; HEC; HEC1; hsNDC80; TID3;

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	kinetochore associated 2; kinetochore protein Hec1; kinetochore-associated protein 2; highly expressed in cancer protein; retinoblastoma-associated protein HEC; NDC80 homolog, kinetochore complex component; highly expressed in cancer, rich in leucine heptad repeats; KNTC2; HsHec1;
Gene ID	10403
mRNA Refseq	NM_006101
Protein Refseq	NP_006092
MIM	607272
UniProt ID	O14777
Chromosome Location	18p11.31
Pathway	Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem;
Function	protein binding;