

Recombinant Human NDC80 protein, MYC/DDK-tagged

Cat. No. NDC80-18H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDC80 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore interactions and is required for proper chromosome segregation.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	73.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	NDC80 NDC80 kinetochore complex component homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
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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; 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;

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