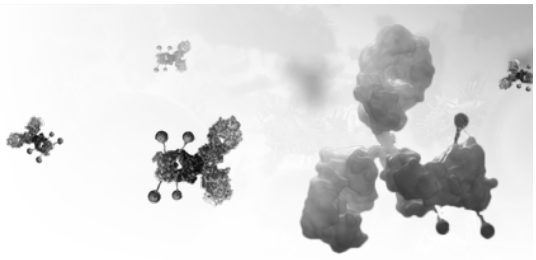

Human NDC80 peptide (DAG-P0580)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Oct 2011]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the NDC80/HEC1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	NDC80 NDC80 kinetochore complex component [Homo sapiens (human)]
Official Symbol	NDC80
Synonyms	NDC80; NDC80 kinetochore complex component; HEC; HEC1; TID3; KNTC2; HsHec1; hsNDC80; kinetochore protein NDC80 homolog; kinetochore associated 2; kinetochore protein Hec1; kinetochore-associated protein 2; highly expressed in cancer protein; retinoblastoma-associated protein HEC; NDC80 kinetochore complex component homolog; NDC80 homolog, kinetochore complex component; highly expressed in cancer, rich in leucine heptad repeats;
Entrez Gene ID	10403

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

mRNA Refseq	NM_006101.2
Protein Refseq	NP_006092.1
UniProt ID	A8K031
Chromosome Location	18p11.32
Pathway	Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic Anaphase, organism-specific biosystem; Mitotic Metaphase and Anaphase, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem; PLK1 signaling events, organism-specific biosystem; Resolution of Sister Chromatid Cohesion, organism-specific biosystem; Separation of Sister Chromatids, organism
Function	protein binding;

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