

Recombinant Human NDC80 Protein, GST-tagged

Cat. No. NDC80-4899H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KNTC2 partial ORF (AAH35617, 545 a.a. - 642 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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.[supplied by OMIM
Molecular Mass	36.19 kDa
AA Sequence	TVNQGLSEAMNELDAVQREYQLVVQTTTEERRKVGNNLQRLLVMVATHVGSVEKH LEEQIAKVDREYEECMSEDLSENIKEIRDKYEKKATLIKSSEE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

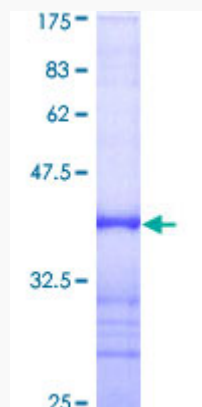
Gene Name	NDC80 NDC80 kinetochore complex component homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	NDC80
Synonyms	NDC80; NDC80 kinetochore complex component homolog (<i>S. cerevisiae</i>); highly expressed in cancer, rich in leucine heptad repeats (yeast) , kinetochore associated 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

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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