

Recombinant Human CDC7 Protein, His-tagged

Cat. No. CDC7-021H Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human cell division cycle 7 homolog (<i>S. cerevisiae</i>) (CDC7), transcript variant 2, full length, with N-terminal HIS tag, was expressed in <i>E. coli</i> .
Species	Human
Source	<i>E. coli</i>
Description	This gene encodes a cell division cycle protein with kinase activity that is critical for the G1/S transition. The yeast homolog is also essential for initiation of DNA replication as cell division occurs. Overexpression of this gene product may be associated with neoplastic transformation for some tumors. Multiple alternatively spliced transcript variants that encode the same protein have been detected. [provided by RefSeq, Aug 2008].
Molecular Mass	63.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	50mM Tris, 8M Urea, pH 8.0.
Full Length	Full L.

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GENE INFORMATION

Gene Name CDC7 cell division cycle 7 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol [CDC7](#)

Synonyms CDC7; cell division cycle 7 homolog (*S. cerevisiae*); CDC7 (cell division cycle 7, *S. cerevisiae*, homolog) like 1, CDC7 cell division cycle 7 (*S. cerevisiae*), CDC7L1, cell division cycle 7 (*S. cerevisiae*); cell division cycle 7-related protein kinase; HsCdc7; Hsk1; huCdc7; CDC7-related kinase; cell division cycle 7-like protein 1; CDC7 (cell division cycle 7, *S. cerevisiae*, homolog)-like 1; CDC7L1; HsCDC7; huCDC7; MGC117361; MGC126237; MGC126238;

Gene ID [8317](#)

mRNA Refseq [NM_001134419](#)

Protein Refseq [NP_001127891](#)

MIM [603311](#)

UniProt ID [O00311](#)

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