

Recombinant Human CDC7 Protein, GST-Tagged

Cat. No. CDC7-0957H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDC7 partial ORF (NP_003494, 201 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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	36.63 kDa
AA Sequence	QGTHDTKIELLK FVQSEAQQERC SQNKSHIITGNKIPLSGVPKELDQQSTTKASVKR PYTNAQIQIKQGKDGKEGSVGLSVQRSVFGERNFNIHSSISH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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 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

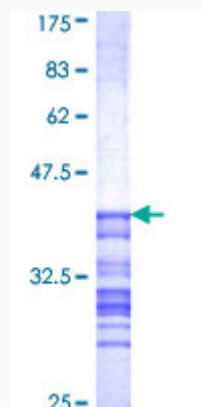
UniProt ID O00311

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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