

Recombinant Human CDC7, His-tagged

Cat. No. CDC7-11019H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-349a.a.
Description	CD302 is a C-type lectin receptor involved in cell adhesion and migration, as well as endocytosis and phagocytosis (Kato et al., 2007 [PubMed 17947679]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CDC7 cell division cycle 7 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	CDC7
Synonyms	CDC7; cell division cycle 7 homolog (<i>S. cerevisiae</i>); CDC7 (cell division cycle 7, <i>S.</i>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
Chromosome Location	1p22
Pathway	Activation of ATR in response to replication stress, organism-specific biosystem; Activation of the pre-replicative complex, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle Checkpoints, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem;
Function	ATP binding; kinase activity; metal ion binding; nucleotide binding; protein serine/threonine kinase activity;