

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>

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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;

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