Recombinant Human CDC25C, His-tagged

Cat. No. CDC25C-11001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC25C protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-279a.a.
Description	CD180 is a cell surface molecule consisting of extracellular leucine-rich repeats (LRR) and a short cytoplasmic tail. The extracellular LRR is associated with a molecule called MD-1 and form the cell surface receptor complex, RP105/MD-1. It belongs to the family of pathogen receptors, Toll-like receptors (TLR). RP105/MD1, by working in concert with TLR4, controls B cell recognition and signaling of lipopolysaccharide (LPS), a membrane constituent of Gram-negative bacteria.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CDC25C cell division cycle 25 homolog C (S. pombe) [Homo sapiens]

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Official Symbol	CDC25C
Synonyms	CDC25C; cell division cycle 25 homolog C (S. pombe); CDC25, cell division cycle 25 homolog C (S. cerevisiae) , cell division cycle 25C; M-phase inducer phosphatase 3; PPP1R60; protein phosphatase 1; regulatory subunit 60; mitosis inducer CDC25; cell division cycle 25C; phosphotyrosine phosphatase; dual specificity phosphatase CDC25C; protein phosphatase 1, regulatory subunit 60; CDC25;
Gene ID	995
mRNA Refseq	NM_001790
Protein Refseq	NP_001781
MIM	157680
UniProt ID	P30307
Chromosome Location	5q31
Pathway	Activation of ATR in response to replication stress, 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; Cell cycle, conserved biosystem;
Function	WW domain binding; hydrolase activity; protein binding; protein kinase binding; protein tyrosine phosphatase activity;

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