Recombinant Human CDC23, GST-tagged

Cat. No. CDC23-10998H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC23 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-126a.a.
Description	This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigen-antibody complexes from the circulation, as well as other other antibody-dependent responses. This gene (FCGR3A) is highly similar to another nearby gene (FCGR3B) located on chromosome 1. The receptor encoded by this gene is expressed on natural killer (NK) cells as an integral membrane glycoprotein anchored through a transmembrane peptide, whereas FCGR3B is expressed on polymorphonuclear neutrophils (PMN) where the receptor is anchored through a phosphatidylinositol (PI) linkage. Mutations in this gene have been linked to susceptibility to recurrent viral infections, susceptibility to systemic lupus erythematosus, and alloimmune neonatal neutropenia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
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 100mM

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	GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CDC23 cell division cycle 23 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	CDC23
Synonyms	CDC23; cell division cycle 23 homolog (S. cerevisiae); CDC23 (cell division cycle 23, yeast, homolog); cell division cycle protein 23 homolog; ANAPC8; anaphase promoting complex subunit 8; APC8; CUT23; cyclosome subunit 8; anaphase-promoting complex subunit 8;
Gene ID	8697
mRNA Refseq	NM_004661
Protein Refseq	NP_004652
MIM	603462
UniProt ID	Q9UJX2
Chromosome Location	5q31
Pathway	APC/C complex, organism-specific biosystem; APC/C complex, conserved biosystem; APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Cyclin B, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem;

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	APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem;
Function	binding; ubiquitin-protein ligase activity;

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