Recombinant Human CDC6, GST-tagged

Cat. No. CDC6-11018H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-343a.a.
Description	CD300LB is a nonclassical activating receptor of the immunoglobulin (Ig) superfamily expressed on myeloid cells (Martinez-Barriocanal and Sayos, 2006 [PubMed 16920917]).
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 GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CDC6 cell division cycle 6 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	CDC6

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Synonyms	CDC6; cell division cycle 6 homolog (S. cerevisiae); CDC6 (cell division cycle 6, S. cerevisiae) homolog , CDC6 cell division cycle 6 homolog (S. cerevisiae) , CDC18L; cell division control protein 6 homolog; p62(cdc6); CDC6-related protein; cdc18-related protein; CDC6 cell division cycle 6 homolog; CDC18L; HsCDC6; HsCDC18;
Gene ID	990
mRNA Refseq	NM_001254
Protein Refseq	NP_001245
MIM	602627
UniProt ID	Q99741
Chromosome Location	17q21.3
Pathway	Activation of ATR in response to replication stress, organism-specific biosystem; Activation of the pre-replicative complex, organism-specific biosystem; Assembly of the pre-replicative complex, organism-specific biosystem; Association of licensing factors with the pre-replicative complex, organism-specific biosystem; CDC6 association with the ORC:origin complex, organism-specific biosystem; CDK-mediated phosphorylation and removal of Cdc6, organism-specific biosystem; CDT1 association with the CDC6:ORC:origin complex, organism-specific biosystem;
Function	ATP binding; chromatin binding; kinase binding; nucleoside-triphosphatase activity; nucleotide binding; protein binding;

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