



SHANGHAI GENOMICS

## Recombinant Human CDC34

**rHuCDC34**

Catalog number: SG3110-48

---

### *Specifications and Use*

- Source** ● *Escherichia coli.*
- Molecular Mass** ● 28kDa
- Purity** ● ≥ 90% as determined by SDS-PAGE and HPLC analyses.
- Formulation** ● 1 x PBS, 1 mM DTT and 10 % glycerol, pH7.4
- Stability** ● Store at -80°C. Avoid repeated freeze-thaw cycles.
- Usage** ● FOR RESEARCH USE ONLY. NOT FOR HUMAN USE.

### **Human CDC34**

CDC34 plays an essential role in the progression of cells from the G1 to S phase of the cell division cycle. One pathway (requiring Cdc34) initiates DNA replication by degrading a CDK (cyclin-dependent kinase) inhibitor. The second pathway, involves the anaphase-promoting complex (APC) initiates chromosome segregation and exit from mitosis by degrading anaphase inhibitors and mitotic cyclins.

### **Protein sequence:**

MHHHHHHAMGILMARPLVPSSQKALLLELKLQEEPVEGFRVTLVDEGDLYNWEVAIFGPPNTYYE  
GGYFKARLKFIDYPYSPPAFRFLTKMWHPNYETGDVCISILHPPVDDPQSGELPSERWNPTQNV  
RTILLSVISLLNEPNTFSPANVDASVMYRKWKESKGDREYTDIIRKQVLGTKVDAERDGVKVPPTL  
AEYCVKTKAPAPDEGSDLFYDDYYEDGEVEEEEADSCFGDDEDDSGTEES