

Product datasheet for **TP303517**

CDC34 (NM_004359) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human cell division cycle 34 homolog (<i>S. cerevisiae</i>) (CDC34), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC203517 representing NM_004359 Red =Cloning site Green =Tags(s) |
| | MARPLVPSSQKALLLELKGLQEPPVEGFRVTLVDEGDLYNWEVAIFGPPNTYYEGGYFKARLKFPIDYPY SPPAFRFLTKMWHPNYETGDVCISILHPPVDDPQSGELPSEWNPNTQNVRTILLSVISLLNEPNTFSPA NVDASVMYRKWKESKGDREYTDIIRKQVLGTVDAERDGVKVPPTLAEYCVKTKAPAPDEGSDLFYDDY YEDGEVEEEEADSCFGDDEDDSGTEES |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 26.6 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_004350 |
| Locus ID: | 997 |
| UniProt ID: | P49427 , A0A024R1Z1 |



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RefSeq Size: 1462

Cytogenetics: 19p13.3

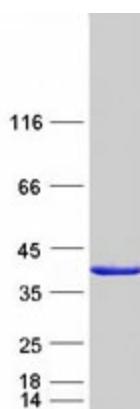
RefSeq ORF: 708

Synonyms: E2-CDC34; UBC3; UBCH3; UBE2R1

Summary: The protein encoded by this gene is a member of the ubiquitin-conjugating enzyme family. Ubiquitin-conjugating enzyme catalyzes the covalent attachment of ubiquitin to other proteins. This protein is a part of the large multiprotein complex, which is required for ubiquitin-mediated degradation of cell cycle G1 regulators, and for the initiation of DNA replication. [provided by RefSeq, Jul 2008]

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified CDC34 protein (Cat# TP303517). The protein was produced from HEK293T cells transfected with CDC34 cDNA clone (Cat# [RC203517]) using MegaTran 2.0 (Cat# [TT210002]).