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Product datasheet for TP303517M

CDC34 (NM_004359) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cell division cycle 34 homolog (S. cerevisiae) (CDC34), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203517 representing NM_004359 Red=Cloning site Green=Tags(s) MARPLVPSSQKALLLELKGLQEEPVEGFRVTLVDEGDLYNWEVAIFGPPNTYYEGGYFKARLKFPIDYPY SPPAFRFLTKMWHPNIYETGDVCISILHPPVDDPQSGELPSERWNPTQNVRTILLSVISLLNEPNTFSPA NVDASVMYRKWKESKGKDREYTDIIRKQVLGTKVDAERDGVKVPTTLAEYCVKTKAPAPDEGSDLFYDDY YEDGEVEEEADSCFGDDEDDSGTEES 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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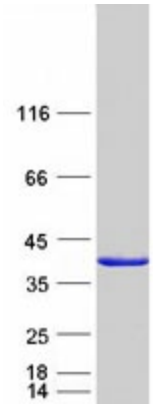
RefSeq Size:	1462
Cytogenetics:	19p13.3
RefSeq ORF:	708
Synonyms:	E2-CDC34; UBC3; UBCH3; UBE2R1
Summary:	The protein encoded by this gene is a member of the ubiquitin-conjugating enzyme family. Ubiquitin-conjugating enzyme catalyzes the covalent attachment of ubiquitin to other proteins. This protein 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]).