

Product datasheet for PH303517

CDC34 (NM_004359) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDC34 MS Standard C13 and N15-labeled recombinant protein (NP_004350)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203517
Predicted MW:	26.6 kDa
Protein Sequence:	>RC203517 representing NM_004359 Red=Cloning site Green=Tags(s) MARPLVPSSQKALLLELKGLEQEEVVEGFRVTLVDEGDLYNWEVAIFGPPNTYYEGGYFKARLKFPIDYPY SPPAFRFLTKMHPNIYETGDVCISILHPPVDDPQSGELPSERWNPTQNVRTILLSVISLLNEPNTFSPA NVDASVMYRKWKESKGDREYTDIIRKQVLGTVDAERDGVKVPPTLAEYCVKTKAPAPDEGSDLFYDDY YEDGEVEEEADSCFGDDEDDSGTEES TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004350
RefSeq Size:	1462
RefSeq ORF:	708
Synonyms:	E2-CDC34; UBC3; UBCH3; UBE2R1
Locus ID:	997
UniProt ID:	P49427 , A0A024R1Z1



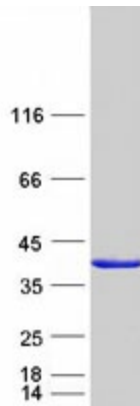
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Cytogenetics: 19p13.3

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]).