

Product datasheet for PH309719

CDC26 (NM_139286) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDC26 MS Standard C13 and N15-labeled recombinant protein (NP_644815)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209719
Predicted MW:	9.8 kDa
Protein Sequence:	>RC209719 protein sequence Red =Cloning site Green =Tags(s) MLRRKPTRLELKLDDIEEFENIRKDLINTRKKQKEDVEVVGSDGEGAIGLSSDPKSREQMINDRIGYKPKQ PKPNNRSSQFGSLEF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_644815
RefSeq Size:	885
RefSeq ORF:	255
Synonyms:	ANAPC12; APC12; C9orf17
Locus ID:	246184
UniProt ID:	Q8NHZ8 , A0A024R832
Cytogenetics:	9q32



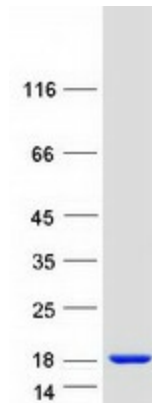
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Summary:

The protein encoded by this gene is highly similar to *Saccharomyces cerevisiae* Cdc26, a component of cell cycle anaphase-promoting complex (APC). APC is composed of a group of highly conserved proteins and functions as a cell cycle-regulated ubiquitin-protein ligase. APC thus is responsible for the cell cycle regulated proteolysis of various proteins. [provided by RefSeq, Jul 2008]

Protein Pathways:

Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis

Product images:

Coomassie blue staining of purified CDC26 protein (Cat# [TP309719]). The protein was produced from HEK293T cells transfected with CDC26 cDNA clone (Cat# [RC209719]) using MegaTran 2.0 (Cat# [TT210002]).