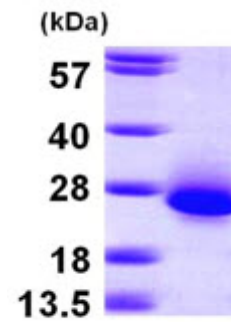


AR09636PU-N**Human RCL (1-174, His-tag) - Purified**

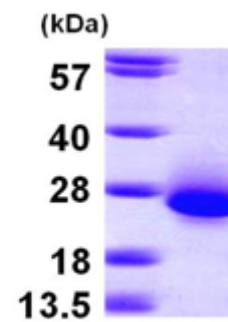
Alternate names:	C6orf108, Deoxyribonucleoside 5'-monophosphate N-glycosidase, c-Myc-responsive protein Rcl
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	Deoxyribonucleoside 5'-monophosphate N-glycosidase isoform 1, also known as RCL, belonged to the N-deoxyribosyltransferase family. This protein catalyzes the cleavage of the N-glycosidic bond of deoxyribonucleoside 5'-monophosphates to yield deoxyribose 5-phosphate and a purine or pyrimidine base. RCL was identified on the basis of its stimulation by c-Myc protein. The latter is a transcription factor that participates in the regulation of cell proliferation, differentiation, and apoptosis.
Uniprot ID:	O43598
NCBI:	NP_006434
GeneID:	10591
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol
Description:	Recombinant human RCL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MAAAMVPGRS ESWERGEPR PALYFCGSIR GGREDRTLYE RIVSRLRRFG TVLTEHVAAA ELGARGEAAA GGDRLIHEQD LEWLQQADV VAEVTQPSLG VGYELGRAVA FNKRILCLFR PQSGRVLSAM IRGAADGSRF QVWDYEEGEV EALLDRYFEA DPPGQVAASP DPTT Molecular weight: 21.2 kDa (194aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Ghiorghii Y K., et al. (2007) J Biol Chem. 282(11):8150-6. Munqall A J., et al. (2003) Nature. 425(6960):805-11.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human RCL, 1- 174 aa, His-tagged



15% SDS-PAGE (3ug)