

**RCL, 1-174aa, Human, His tag, E.coli**

**Cat.NO.: TP03703**

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3th Edition

**Synonyms:** Deoxyribonucleoside 5'-monophosphate N-glycosidase isoform 1, c-Myc-responsive protein Rcl, C6orf108

**Description:** 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.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

**Molecular Weight:** 21.2 kDa (194aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMAAAMVPGRSESWERGEPRPALYFCGSIRGGREDRTLYERIVSRLRRFGTVLT  
EHVAAAELGARGEAAAGGDRLIHEQDLEWLQQADVVAEVTQPSLGVGYELGRAVAFNKRILCLFRPQSGRVLSA  
MIRGAADGSRFQVWDYEEGEVEALLDRYFEADPPGQVAASPDTT

**Purity:** > 95% by HPLC

**Concentration:** 1 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.