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## Product Data Sheet

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Product Name: C6ORF108 Human  
 Cat. No.: GP22943  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	c-Myc-responsive protein Rcl; RCL; putative c-Myc-responsive.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAAAMVPGRS ESWERGEPR PALYFCGSIR GGREDRTLYE RIVSRLRRFG TVLTEHVAAA ELGARGEAAAGGDRLIHEQD LEWLQQADV VAEVTQPSLG VGYELGRAVA FNKRILCLFR PQSGRVLSAM IRGAADGSRF QVWDYEEGEV EALLDRYFEA DPPGQVAASP DPTT.		
Formulation	The C6ORF108 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH-8), 1mM DTT, and 10% glycerol.		

### Introduction

C6ORF108 is stimulated by c-Myc protein that is a transcription factor that is involved in the regulation of cell proliferation, differentiation, and apoptosis. C6ORF108 functions in rat in cellular proliferation and c-Myc-mediated transformation. C6ORF108 catalyzes the cleavage of the N-glycosidic bond of deoxyribonucleoside 5''-monophosphates to yield deoxyribose 5-phosphate and a purine or pyrimidine base. Deoxyribonucleoside 5''-monophosphates comprising purine bases are favored to those comprising of pyrimidine bases.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

C6ORF108 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 194 amino acids (1-174 a.a.) and having a molecular mass of 21.2kDa. C6ORF108 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary

**Caution: Product has not been fully validated for medical applications. For research use only.**

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chromatographic techniques.

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