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## Product Data Sheet

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Product Name: C7ORF49 Human  
 Cat. No.: GP22914  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MRI; Modulator of retrovirus infection homolog; C7orf49.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMETLQSE TKTRVLPSWL TAQVATKNVA PMKAPKRMRM AAVPVAAARL PATRTVYCMN EAEIVDVALG ILIESRKQEK ACEQPALAGA DNPEHSPPCS VSPHTSSGSS SEEEDSGKQA LAPGLSPSQR PGGSSSACSR SPEEEEEEDV LKYVREIFFS.		
Formulation	The C7ORF49 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.		

### Introduction

Chromosome 7 Open Reading Frame 49 (C7ORF49) is affiliated with the lncRNA class. C7ORF49 characterizes the hamster ortholog and suggests that it may modulate the ability of the proteasome to degrade retroviral cores upon cellular infection.

### 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

C7ORF49 Human Recombinant produced in E. coli is a single polypeptide chain containing 180 amino acids (1-157) and having a molecular mass of 19.2kDa. C7ORF49 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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