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## **Human TNF alpha ORF Clone in Cloning Vector**

Overview	
Quantity:	1 μg
Gene:	TNF alpha
Species:	Human
Insert:	ORF
Vector:	Cloning Vector
Application:	Cloning (Clon)
Product Details	
Purpose:	ORF Cloning-Vector holds the gene between an AfIII and EcoRV cut site.
Insert Length:	702 bp
Vector Backbone:	pORF
Bacterial Resistance:	Spectinomycin
Expression Type:	Transient
Sequencing Primer:	M13 FP: 5'-CCCAGTCACGACGTTGTAAAACG-3'
	M13 RP: 5'-CAGGAAACAGCTATGAC-3'
Target Details	
Gene:	TNF alpha
Alternative Name:	TNF (TNF alpha Products)
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.

For Research Use only

Restrictions:

## Handling

Format:	Liquid
Buffer:	10 mM Tris-HCl, 1 mM EDTA, pH 8.0
Storage:	-20 °C
Storage Comment:	1 year when stored at -20°C or lower in a non-frost free freezer.
Publications	
Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (
	1991)