

## Recombinant Guinea Pig TNF alpha

**Cat. No.** TNFa-34G    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Guinea Pig TNF alpha was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
<b>Species</b>	Guinea Pig
<b>Source</b>	Yeast
<b>Description</b>	Tumor necrosis factor alpha (TNFSF2) is a member of the TNF Superfamily. It is produced chiefly by activated macrophages, but it is produced also by a broad variety of cell types including lymphoid cells, mast cells, endothelial cells, cardiac myocytes, adipose tissue, fibroblasts, and neuronal tissue. The primary role of TNF alpha is in the regulation of immune cells. TNF alpha, being an endogenous pyrogen, is able to induce fever, to induce apoptotic cell death, to induce sepsis (through IL-1 & IL-6 production), to induce cachexia, induce inflammation, and to inhibit tumorigenesis and viral replication.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	17.0 kDa
<b>AA Sequence</b>	SASQNDNDKP VAHVVANQQA EEELQWLSKR ANALLANGMG LSDNQLVVPS DGLYLIYSQV LFKGQGCPYSY LLLTHTVSRL AVSYPEKVNL LSAIKSPCQK ETPEGAERKP WYEPIYLGGV FQLQKGDRLS AEVNLPQYLD FADSGQIYFG VIAL (154)

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<b>Applications</b>	The Guinea Pig TNF alpha protein can be used in cell culture, as an TNF alpha ELISA Standard, and as a Western Blot Control.
<b>Storage</b>	-20 C

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