

Recombinant Human TNF alpha

Cat. No. TNFa-39H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human TNF alpha was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Human
Source	Yeast
Description	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.
Form	Lyophilized
Molecular Mass	17.2 kDa
AA Sequence	VRSSSRTPSD KPAHVVANP QAEGQLQWLN RRANALLANG VELRDNQLVV PSEGLYLIYS QVLFGKGQGCP STHVLLTHTI SRIAVSYQTK VNLLSAIKSP CQRETPEGAE AKPWYEPIYL GGVFQLEKGD RLSEAENRPDY LDFAESGQVY FGIIAL (156)

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Applications

The Human TNF alpha protein can be used in cell culture, as an TNF alpha ELISA Standard, and as a Western Blot Control.

Storage

-20 C

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