Recombinant Swine TNF alpha

Cat. No. TNFa-24S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Swine TNF alpha was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Pig
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	16.9 kDa
AA Sequence	SSSQTSDKPVAHVVANVKAEGQLQWQSGYANALLANGVKLKDNQLVVPTDGLYLIY SQVLFRGQGCPSTNVFLTH TISRIAVSYQTKVNLLSAIKSPCQRETPEGAEAKPWYE PIYLGGVFQLEKDDRLSAEINLPDYLDFAESGQVYFG IIAL
Applications	The Swine TNF alpha protein can be used in cell culture, as an TNF alpha ELISA

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Standard, and as a Western Blot
Storage	-20 C

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