

## Product Datasheet

### Canine TNF a Protein (orb428878)

<b>Description</b>	Recombinant of canine TNF a protein
<b>Preservatives</b>	Filtered (0.2µm) and lyophilized from a concentrated (1mg/ml) solution in 1xPBS, pH 7.4.
<b>Form/Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Storage</b>	Stability: Lyophilized Tumor Necrosis Factor-a although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TNF-a should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>Application notes</b>	Cytokines And Growth Factors
<b>Protein Sequence</b>	VKSSSRTPSD KPAHVVANP EAEGQLQWLS RRANALLANG VELTDNQLIV PSDGLYLIYS QVLFKQGQCP STHVLLTHTI SRFAVSQTK VNLLSAIKSP CQRETPEGTE AKPWYEPIYL GGVFQLEKGD RLSAEINLPN YLDFAESGQV YFGIIAL
<b>Purity</b>	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Source</b>	Escherichia Coli
<b>Solubility (25°C)</b>	It is recommended to reconstitute the lyophilized Tumor Necrosis Factor-alpha in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Expiration Date</b>	12 months from date of receipt.