

## Product datasheet for SA1002

### Tumor necrosis factor (TNF-alpha) Canine Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Tumor necrosis factor (TNF-alpha) canine recombinant protein, 20 µg
Species:	Canine
Expression Host:	<i>Pichia pastoris</i>
Predicted MW:	17.3 kDa
Purity:	>95% pure by SDS PAGE analysis
Buffer:	Presentation State: Purified State: Lyophilized purified protein Buffer System: PBS. Further dilutions should be made in a buffer containing carrier protein. Preservative: None Stabilizer: None
Bioactivity:	Biological: Has an ED <sub>50</sub> of 10pg/ml, determined by measuring the cytolytic effect of recombinant canine TNF alpha on murine WEHI-13VAR-164 cells in the presence of Actinomycin D.
Endotoxin:	< 1.1EU/µg
Reconstitution Method:	Restore with 0.5 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.
Preparation:	Lyophilized purified protein
Applications:	<b>Functional Assays.</b>
Protein Description:	Recombinant Canine TNF alpha protein expressed in <i>Pichia pastoris</i> .
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001003244</a>



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Locus ID: 403922  
Synonyms: cTNF; TNFA  
Summary: tumor necrosis factor