

Product datasheet for SA1000

Tumor necrosis factor (TNF-alpha) Bovine Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Tumor necrosis factor (TNF-alpha) bovine recombinant protein, 20 µg
Species:	Bovine
Expression Host:	Pichia pastoris
Predicted MW:	17.4 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: ED ₅₀ is in the range of 10-25 ng/ml, determined by measuring the cytolytic effect of recombinant Bovine TNF alpha on murine WEHI-13VAR cells in the presence of Actinomycin D.
Endotoxin:	< 0.05 EU/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:	ELISA: SA1000 May be used as a standard with SM2216P or SM2228B. Functional Assays.
Protein Description:	Recombinant Bovine TNF alpha 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:	NP_776391



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Locus ID: 280943
UniProt ID: [Q06599](#)
Cytogenetics: 23q22
Synonyms: TNF-a; TNF-alpha; TNFa
Summary: tumor necrosis factor