Bioactive

TNF (Canine) Recombinant Protein

Catalog # P9231 Size 20 ug

Specification

Product Description	Canine TNF recombinant protein expressed in *Escherichia coli*.
Sequence	VKSSSRTPSDKPVAHVVANPEAEGQLQWLSRRANALLANGVELTDNQLIVPSDGLYLIYSQVLFK GQGCPSTHVLLTHTISRFAVSYQTKVNLLSAIKSPCQRETPEGTEAKPWYEPIYLGGVFQLEKGDR LSAEINLPNYLDFAESGQVYFGIIAL.
Host	Escherichia coli
Theoretical MW (kDa)	17.3
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 95% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	The specific activity is ≥ 3.3 10^5 IU/mg as determined by the cytolysis of murine L929 cells in the presence of Actinomycin D.
Storage Buffer	Protein (1 mg/mL) was lyophilized from a solution containing 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH_2O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

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Gene Info — TNF

Entrez GeneID	403922
Protein Accession#	P51742
Gene Name	TNF
Gene Alias	TNFA, cTNF
Gene Description	tumor necrosis factor (TNF superfamily, member 2)
Gene Ontology	Hyperlink
Gene Summary	TNF-alpha|tumor necrosis factor alpha|tumour necrosis factor
Other Designations	TNF-alpha|tumor necrosis factor alpha|tumour necrosis factor

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