

Product Datasheet

Recombinant Canine TNF-alpha Protein NBP2-34916-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-34916-5ug

Recombinant Canine TNF-alpha Protein

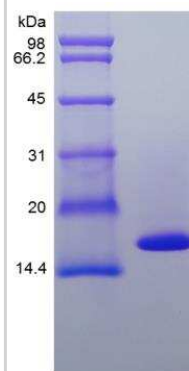
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	17.3 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 157 amino acids corresponding to TNF-alpha Source: <i>E. coli</i> Uniprot ID: <i>P51742</i> Amino Acid Sequence: <i>VKSSSRTPSD KPVAVVAVANP EAEGQLQWLS RRANALLANG VELTDNQLIV PSDGLYLIYS QVLFKGGQCP STHVLLTHTI SRFVSYQTK VNLLSAIKSP CQRETPEGTE AKPWYEPIYL GGVFQLEKGD RLSAEINLPN YLDFAESGQV YFGIIAL</i>
Gene ID	7124
Gene Symbol	TNF
Species	Canine
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by a cytotoxicity assay using murine L929 cells is less than 1.0 ng/ml, corresponding to a specific activity of > 1.0 x 10 ⁶ IU/mg in the presence of actinomycin D.
Endotoxin Note	Less than 1 EU/ug of TNF-alpha as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Canine TNF-alpha Protein [NBP2-34916]





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Products Related to NBP2-34916-5ug

NBP2-35076-10ug	Recombinant Human TNF-alpha Protein
M6000B-1	IL-6 [HRP]
210-TA-005	TNF-alpha [Unconjugated]
201-LB-005	IL-1 beta/IL-1F2 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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