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Product Datasheet

Recombinant Mouse TNF alpha EBT-EPT045

Article Name	Recombinant Mouse TNF alpha
Biozol Catalog Number	EBT-EPT045
Supplier Catalog Number	EPT045
Alternative Catalog Number	EBT-EPT045-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse Tumor Necrosis Factor Alpha is produced by our E.coli expression system and the target gene encoding Asp89-Leu235 is expressed....
Molecular Weight	Molecular weight: 16.4 KDa. Apparent molecular weight: 14 KDa, reducing conditions
UniProt	P06804
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.001 ng/µg (0.01 EU/µg) as determined by LAL test. Background: Tumor Necrosis Factor (TNF) is a member of the Tumor Necrosis Factor family. TNF exists as a homotrimer and interacts with SPPL2B. TNF is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. TNF is a key cytokine in the development of several inflammatory disorders. It contributes to the development of type 2 diabetes through its effects on insulin resistance and fatty acid metabolism