

# Product Datasheet

## Recombinant Rat TNF-alpha His Protein NBP2-61986-20ug

Unit Size: 20 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-61986-20ug****Recombinant Rat TNF-alpha His Protein****Product Information**

<b>Unit Size</b>	20 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>90%, by SDS-PAGE
<b>Buffer</b>	PBS (pH 7.4), 10% glycerol, 1 mM DTT
<b>Target Molecular Weight</b>	19.9 kDa

**Product Description**

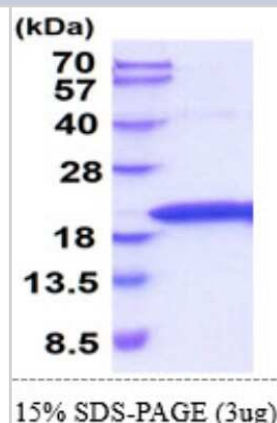
<b>Description</b>	<p>A Biologically active recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 80-235 of Rat TNF-alpha</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSHMLRSSS QNSSDKPVAH VVANHQAEQ LEWLSQRANA LLANGMDLKD NQLVVPADGL YLIYSQVLFK GQGCPDYVLL THTVSRFAIS YQEKVSLLSA IKSPCPKDTF EGAELKPWYE PMYLGGVFQL EKGDLLSAEV NLPKYLDITE SGQVYFGVIA L</p>
<b>Gene ID</b>	7124
<b>Gene Symbol</b>	TNF
<b>Species</b>	Rat
<b>Details of Functionality</b>	Rat TNF-alpha stimulates cytotoxicity of the L929 mouse fibroblast cells. The ED50 range is less than or equal to 0.2 ng/ml.
<b>Endotoxin Note</b>	< 1.0 EU per 1ug of protein (determined by LAL method)

**Product Application Details**

<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity

**Images**

SDS-Page: Recombinant Rat TNF-alpha Protein [NBP2-61986] - 15% SDS-PAGE (3ug)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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