

Recombinant Rat TNFa/TNF-alpha Protein, C-His (Active)

Summary

Catalog No.	ARB94401
Alternative Names	Tumor necrosis factor, Cachectin, TNF-alpha, Tumor necrosis factor ligand superfamily member 2, TNF-a, Tumor necrosis factor, membrane form, N-terminal fragment, NTF, Intracellular domain 1, ICD1, Intracellular domain 2, ICD2, C-domain 1, C-domain 2, Tumor necrosis factor, soluble form, TNF, TNFA, TNFSF2
Form	Lyophilized
Storage buffer	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
Biological activity	Measured in a cytotoxicity assay using mouse fibrosarcoma cells (L-929) in the presence of metabolic inhibitor actinomycin D. The ED50 for this effect is typically 0.0125-0.05 pg/mL.
Endotoxin level	<1 EU/μg of the protein by the LAL method.
Expression system	Mammalian Cells
Accession	P16599
Protein length	Leu80-Leu235
Nature	Recombinant

Recombinant Proteins & Antibodies

Stability and Storage

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

Reconstitution

Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

Species

Rattus norvegicus (Rat)

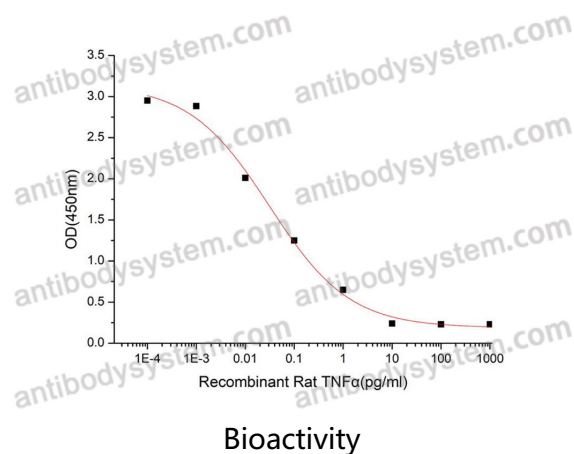
Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

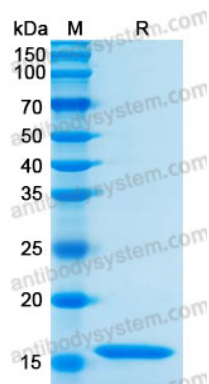
Note

For research use only.

Data Image



Measured in a cytotoxicity assay using mouse fibrosarcoma cells (L-929) in the presence of metabolic inhibitor actinomycin D. The ED50 for this effect is typically 0.0125-0.05 pg/mL.



SDS-PAGE

SDS-PAGE for Recombinant Recombinant Rat TNF-
alpha protein protein