A Reliable Research Partner in Life Science and Medicine

Recombinant Rabbit TNF-alpha/TNFSF2/TNFa Protein

Catalog Number: PKSQ050066

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Species Rabbit

Source E.coli-derived Rabbit TNF-alpha/TNFSF2/TNFa protein Val78-Leu235

 Calculated MW
 17.6 kDa

 Observed MW
 18 kDa

 Accession
 P04924

Bio-activity Measured in a cytotoxicity assay using L- 929 mouse fibroblast cells in the presence

of the metabolic inhibitor actinomycin D. The ED₅₀ for this effect is 3. 5 pg/ml.

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80

°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

ShippingThis product is provided as lyophilized powder which is shipped with ice packs.FormulationLyophilized from a 0.2 μm filtered solution of 20mM PB, 250mM NaCl, pH 7.4.

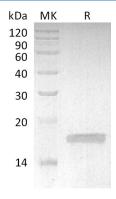
Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants

before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Tumor necrosis factor alpha (TNF α) is the prototypic ligand of the TNF superfamily. TNF α forms a homotrimer and functions by activating two types of receptors TNF-R1 (TNF receptor type 1,p55R) and TNF-R2 (TNF receptor type 2, p75R). TNF α is a pleiotropic cytokine that is capable to promote inflammation, to induce apoptotic cell death, and to inhibit tumorigenesis and viral replication. TNF α is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells.

For Research Use Only

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