

32-7070: Recombinant Rabbit Tumor Necrosis Factor α /TNF- α

Gene : TNF
Gene ID : 100009088
Uniprot ID : P04924

Description

Source: E.coli.
MW :17.59kD.

Recombinant Rabbit Tumor Necrosis Factor alpha is produced by our E.coli expression system and the target gene encoding Val77-Leu235 is expressed. 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.

Product Info

Amount : 10 μ g / 50 μ g
Content : Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 300mM NaCl, pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MVTLSASRALSDKPLAHVVANPQVEGQLQWLSQRANALLANGMKLTDNQLVVPADGLYLIYSQVLFSGQGC RSYVLLTHTVSRFAVSYPNKVNLLSAIKSPCHRETPEEAEPMAWYEPIYLGGVFQLEKGDRLSTEVNQPEYLDLA ESGQVYFGIIAL

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.