Recombinant Rabbit TNFα
Catalog No: C082

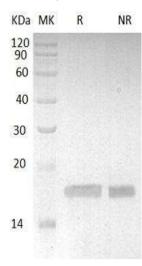|	
Description	Recombinant Rabbit Tumor Necrosis Factor alpha is produced by our E.coli expression system and the target gene encoding Val77-Leu235 is expressed.
Source	E. coli
Alternative name	Tumor Necrosis Factor; Cachectin; TNF-Alpha; Tumor Necrosis Factor Ligand Superfamily Member 2; TNF-a; TNF; TNFA; TNFSF2
Accession No.	P04924
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 250mM NaCl, pH 7.4.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg).
Reconstitution	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.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	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 Sequence	MVTLRSASRALSDKPLAHVVANPQVEGQLQWLSQRANALLANGMKLTDNQLVVPADGLYLIYSQVL FSGQGCRSYVLLTHTV SRFAVSYPNKVNLLSAIKSPCHRETPEEAEPMAWYEPIYLGGVFQLEKGDRLSTEVNQPEYLDLAES GQVYFGIIAL
Background	Tumor necrosis factor alpha (TNFα) is the prototypic ligand of the TNF superfamily. TNFα 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. TNFα is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells.

SDS-PAGE

MK: Marker

R: Sample in reducing conditions

NR: Sample in non-reducing conditions