PRODUCT INFORMATION

Target	TNF
Synonyms	Lymphotoxin-Alpha;LT-Alpha;TNF-Beta;Tumor Necrosis Factor Ligand Superfamily Member 1;LTA;TNFB;TNFSF1
Description	Recombinant Human Tumor Necrosis Factor Beta is produced by our E.coli expression system and the target gene encoding Leu35-Leu205 is expressed.
Delivery	In Stock
Uniprot ID	P01375
Expression Host	E.coli
Tag	
Molecular Characterization	Not available
Molecular Weight	18.8 KDa
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Formulation & Reconstitution	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	Tumor Necrosis Factor β (TNF-β) is a secreted protein belonging to the tumor necrosis factor family. TNF-β binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFBR and TNFRSF14/HVEM in homotrimeric form, binds to TNFRSF3/LTBR in heterotrimeric form with LTB. TNF-β forms heterotrimers with lymphotoxin-beta, which anchors TNF-β to the cell surface. TNF-β mediates the inflammatory, immunostimulatory, and antiviral response, involves in the formation of second lymphoid organs during development, has a role in apoptosis. TNF-β is produced by lymphocytes and cytotoxic for a variety of tumor cells in vitro and in vivo.
Usage	Research use only
Conjugate	Unconjugated

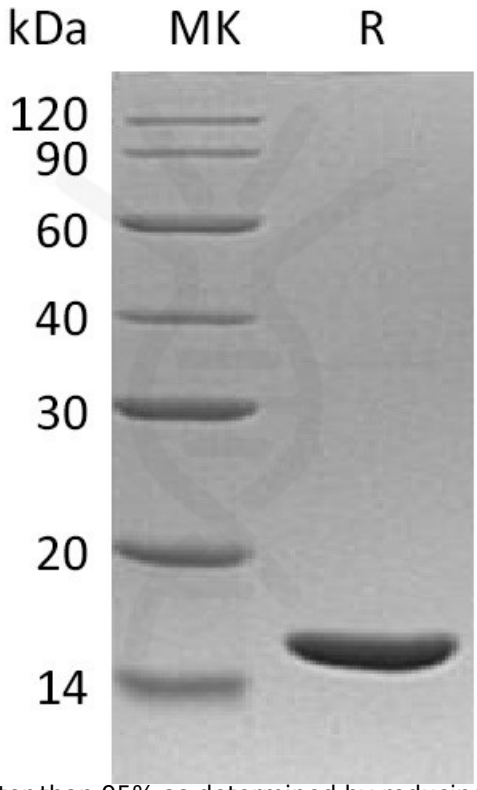

Figure 1. Greater than 95% as determined by reducing SDS-PAGE.