9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TNF b Human, His

Tumor Necrosis Factor-Beta Human Recombinant, His Tag
CYK0560

Product Overview

Name	TNF b Human, His
Description	
Tumor Necrosis Factor-Beta Human Recombinant, His Tag	
Accession (Primary)	P01374
Synonyms	
Lymphotoxin-alpha, LT-alpha, TNF-beta, Tumor necrosis factor ligand superfamily member 1, LTA, LT, TNFB, TNFSF1.	
Introduction	
TNF-b is a potent multifunctional cytokine produced mainly by activated T and B lymphocytes. The protein has been shown to have a specific potent cytotoxic activity on tumor cells and a variety of other target cells as well as being a mediator of inflammation and immune function.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
TNF-b protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1M NaCl and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M LPGVGLTPS AAQTARQHPK MHLAHSTLKP AAHLIGDPSK QNSLLWRANT DRAFLQDGFS LSNNSLLVPT SGIYFVYSQV VFSGKAYSPK ATSSPLYLAH EVQLFSSQYP FHVPLLSSQK MVYPGLQEPW LHSMYHGAAF QLTQGDQLST HTDGIPHLVL SPSTVFFGAF AL.	
Biological Activity	
Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor	

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actinomycin D. The ED 50 for this effect is < 0.3 ng/ml.

Precautions

TNF b Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P01374)