



Product Datasheet

Product Name	Tumor Necrosis Factor-Beta Human Recombinant , His Tag
Cata No	CB500397
Source	<i>Escherichia Coli.</i>
Synonyms	Lymphotoxin-alpha, LT-alpha, TNF-beta, Tumor necrosis factor ligand superfamily member 1, LTA, LT, TNFB, TNFSF1.

Description

TNF- β 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.

Tumor Necrosis Factor -b His Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 171 amino acids fragment (35-205) and having a molecular mass of 18.6 kDa with an amino-terminal hexahistidine tag. The TNF-b His is purified by standard chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE

Formulation

TNF-b His is supplied in 1x PBS and 50% glycerol.

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.

Please avoid freeze thaw cycles.