

## human TNF- $\beta$

### Recombinant protein

For research use only; not for therapeutic or *in vitro* diagnostic use

Cat. No.	Quantity
BMS302	10 $\mu$ g

<b>Source:</b>	rhTNF- $\beta$ is produced in E. coli. No differences in the biological activities between rhTNF- $\beta$ and natural human TNF- $\beta$ .
<b>Molecular Weight:</b>	16.5 kDa
<b>Presentation:</b>	BMS302 is lyophilized in phosphate-buffered saline containing 10 mg/ml bovine serum albumin. Reconstitute with 1 ml distilled water. Reconstituted rhTNF- $\beta$ should be used immediately or divided into appropriate aliquotes and promptly stored at -20°C.
<b>Purity:</b>	BMS302 is >98% pure prior to addition of bovine serum albumin as demonstrated by SDS-gel electrophoresis.
<b>Specific Activity:</b>	3 x 10 <sup>8</sup> units/mg. BMS302 is the 16 kDa form of the full length 18 kDa human TNF- $\beta$ protein and expresses identical bioactivity to that displayed by natural human TNF- $\beta$ . To assign bioactivity the L-M cell cytotoxicity assay was performed in the presence of 1 $\mu$ g/ml Actinomycin D.
<b>Storage and Stability:</b>	BMS302 is shipped at 2-8°C. Expiry as stated on label.

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