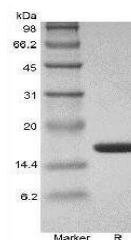


Product Datasheet

Human TNF alpha protein (orb80107)

Description	Human TNF alpha protein
Conjugation	Unconjugated
Tested Applications	FA, HPLC, SDS-PAGE
Target	Human TNF alpha
Preservatives	1mg of TNF-alpha Human contain 20 mM PBS, pH-7.2, and 10mM NaCl.
Storage	Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.
Note	For research use only
Application notes	<p>Experiment Notes: Protein quantitation was carried out by two independent methods1. UV spectroscopy at 280 nm using the absorbency value of 1.234 as the extinction coefficient for 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using calibrated solution of TNF-a as Reference Standard.</p>
Protein Sequence	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Val-Arg-Ser-Ser.
Purity	> 98.0% as determined by RP-HPLC and analysis by SDS-PAGE
Solubility (25°C)	It is recommended to reconstitute the lyophilized Tumor Necrosis Factor-alpha in sterile H ₂ O not less than 100ug/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.



SDS-PAGE analysis of Human TNF alpha pro...