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DATA SHEET

Tumor Necrosis Factor Receptor 2 Fusion Protein Human Recombinant

Item Number	rAP-0766
Synonyms	Tumor necrosis factor receptor superfamily member 1B,Tumor necrosis factor receptor 2, TNF-R2, Tumor necrosis factor receptor type II, p75, p80 TNF-alpha receptor, CD120b antigen, Etanercept, TBPII, TNFBR, TNFR80, TNF-R75, p75TNFR, TNF-R-II.
Description	Recombinant Human Tumor Necrosis Factor Receptor 2 Fusion Protein produced in CHO is a dimeric, glycosylated, polypeptide chain consisting of the extracellular ligand-binding portion of the human 75 kilo Dalton (p75) tumor necrosis factor receptor 2 (TNFR2) linked to the Fc portion of human IgG1. The Fc com-
Uniprot Accesion Number	P20333
Amino Acid Sequence	
Source	Chinese Hamster Ovarian Cells (CHO).
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Tumor Necrosis Factor Receptor although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TNFR2 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	Each mg contains 1.6mg mannitol, 0.4 mg sucrose and 48 µg tromethamine. Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(c) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized TNFR2 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Potency is determined by its ability to neutralize TNF-alpha mediated growth inhibition of A375 cells, corresponding to a Specific Activity of 17,000,000 IU/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only