

Tumor Necrosis Factor Receptor Type 2 Human Recombinant

Item Number	rAP-0778
Synonyms	Tumor necrosis factor receptor superfamily member 1B, Tumor necrosis factor receptor 2, TNF-R2, Tumor necrosis factor receptor type II, TNF-RII, TNFR-II, p75, p80 TNF-alpha receptor, TNFRSF1B, TNFBR, TNFR2.
Description	TNFR2 Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 184 amino acids and having a molecular mass of 20kDa. The TNFR2 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P20333
Amino Acid Sequence	MPAQVAFTPY APEPGSTCRL REYYDQTAQM CCSKCSPGQH AKVFCTKTSD TVCDSCEDST YTQLWNWVPE CLSCGSRCS DQVETQACTR EQNRICTCRP GWYCALSKE GCRLCAPLRK CRPGFGVARP GTETSDVVCK PCAPGTFSNT TSSTDICRPH QICNVVAIPG NASMDAVCTS TSPT.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized TNFR2 although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution TNFR2 should be stored at 4C between 2-7 days and for future use below -18C. 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	TNFR2 was Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4. Greater than 97.0% as determined 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	The ED50 as determined by its ability to inhibit the TNF-a mediated cytotoxicity in the L-929 cells is less than 0.2µg/ml, corresponding to a specific activity of > 5000IU/mg in the presence of 0.25ng/mL of rHuTNF-a.
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**