TNF Ligand Receptor Superfamily Member 12A Human Recombinant

Item Number	rAP-0754
Synonyms	Tumor necrosis factor receptor superfamily member 12A, FN14, CD266 antigen, TweakR, tweak-receptor, Fibroblast growth factor-inducible immediate-early response protein 14, FGF-inducible 14, type I transmembrane protein Fn14.
Description	TNFRSF12A Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 53 amino acids and having a molecular mass of 5.6 KDa.The TNFRSF12A is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9NP84
Amino Acid Sequence	EQAPGTAPCS RGSSWSADLD KCMDCASCRA RPHSDFCLGC AAAPPAPFRL LWP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized TNFRSF12A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TNFRSF12A 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	Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4. Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized TNFRSF12A in sterile 18M-cm H_2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The TNFRSF12A biological activity is determined by its ability to inhibit TWEAK-induced weak cell death of HT29 cells. The expected ED50 for this effect is 1.0-5.0ug/ml in the presence of 1ug/ml rhTWEAK.
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