

Tumor Necrosis Factor Receptor 13B Human Recombinant

Item Number	rAP-0786
Synonyms	CD267, CVID, CVID2, TACI, TNFRSF14B, Tumor necrosis factor receptor superfamily, member 13B, Tumor necrosis factor receptor superfamily, member 13B, isoform CRA_a, TNFRSF13B.
Description	TACI Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 160 amino acids and having a molecular mass of 18.0kDa.
Uniprot Accession Number	Q4ACX1
Amino Acid Sequence	MSGGLGRSRRG GRSRVDQEER FPQGLWTGVA MRSCPPEQYW DPLLGTCMSC KTICNHQSQR TCAAFCRSLs CRKEQGKFYD HLLRDCISCA SICGQHPKQC AYFCENKLRS PVNLPPELRR QRSGEVENNS DNSGRYQGLE HRGSEASPAL PGLKLSADQV
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized TACI although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TACI 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	TACI protein was lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4. Greater than 95.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized TACI in sterile 18M?-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Fully biologically active when compared to standard. The biological activity is determined by its ability to block human BAFF induced T2B cell survival using a concentration range of 1.0-3.0 µg/ml corresponding to a specific activity of 334-1000 IU/m
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**