

32-1754: TACI Recombinant Protein

Alternative Name CD267,CVID,CVID2,TACI,TNFRSF14B,Tumor necrosis factor receptor superfamily,member 13B,Tumor necrosis factor receptor superfamily,member 13B,isoform CRA_a,TNFRSF13B.

Description

Source : Escherichia Coli. 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. TNFRSF13B (TACI) is a transmembrane receptor protein found predominantly on the surface of B cells (a significant part of the immune system). TACI was at first discovered owing to its ability to interact with calcium-modulator and cyclophilin ligand (CAML). Later on, it was found that TACI plays a key role in humoral immunity by interacting with two members of the TNF family. Also, TACI controls T cell-independent B cell antibody responses, isotype switching, and B cell homeostasis.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content : TACI protein was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMSGLGRS RRGGRSRVDQ EERFPQGLWT GVAMRSCPEE
QYWDPLLGT C MSCKTICNHQ SQRTCAAFCR SLSCRKEQ GK FYDHLLRDCI SCASICGQHP KQCAYFCENK
LRSPVNL PPE LRRQRSGEVE NNSDNSGRYQ GLEHRGSEAS PALPGLKLSA DQVALVYS.