

Human TACI Recombinant Protein



RPPB0957

Product Information Protein Information

Product SKU:

RPPB0957

Accession:

Q4ACX1

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

TACI protein was lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.

Purity:

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized TACI in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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 Sequence:

MSGLGRSRRG GRSRVDQEER FPQGLWTGVA MRSCPEEQYW DPLLGTSCMSC KTCNHQSQR TCAAFCRSLSCRKEQGKFYD HLLRDCISCA SICGQHPKQC AYFCENKLRV PVLNPPPELRR QRSGEVENNS DNSGRYQGLE HRGSEASPAL PGLKLSADQV

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/mg.