

## PRODUCT INFORMATION SUMMARY

### Human TACI

Purified Factor	Product Number	HC66634B	20.0 ug
		HC66634A	5.0 ug

#### DESCRIPTION:

Human Transmembrane Activator and Cam1 Interactor (TACI) is a cytokine factor in the TNF Receptor superfamily that binds to both BAFF and APRIL. It is expressed in spleen, small intestine, thymus, PBLs, and activated T cells. Human TACI is believed to be important in T and B cell function, and can induce the activation of transcription factors (NF-KappaB, AP-1). Human TACI is a 17.8 kDa protein, and contains the TNFR homologous extracellular domain with 160 aa. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug TACI  
Sterile filtered and lyophilized, additive-free.

#### BIOLOGICAL ACTIVITY:

Biological activity determined by ability to block human BAFF induced T2B cell survival in range of 1.0 - 3.0 ug/mL.

#### HANDLING AND STORAGE:

Purified TACI factor is provided sterile-filtered and lyophilized from 10mM Sodium Citrate with 150mM NaCl (pH 4.0) with no additives. Store lyophilized, at -20 ° C. **Spin-down** and reconstitute with 100 uL **sterile water**, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

**Before opening vial**, it is recommended to microcentrifuge vial for 30 seconds to **spin-down** any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**RESEARCH USE ONLY -NOT for DRUG USE**