

## 32-20493: Recombinant Human TACI(Discontinued)

**Alternative Name :** Transmembrane activator and CAML interactor, TNFRSF13B

### Description

**Source:** **E.coli**TACI, a member of the TNF Receptor superfamily, is expressed in the small intestine, spleen, thymus, peripheral blood leukocytes, activated T cells, and resting B cells. TACI can bind to both APRIL and BAFF, stimulate the activation of transcription factors NF- $\kappa$ B and AP-1, and can mediate the calcineurin-dependent activation of NF-AT (nuclear-factor of activated T cells). TACI also plays a key role in the stimulation of B and T cell function. Soluble TACI inhibits APRIL-stimulated proliferation of primary B cells by blocking the binding of APRIL to the membrane-anchored TACI receptor. Recombinant Human TACI is a soluble 159 amino acid polypeptide (17.8 kDa) comprising the TNFR homologous, cysteine-rich extracellular domain of the TACI protein.

### Product Info

**Amount :** 5  $\mu$ g / 20  $\mu$ g

**Purification :** Purity: $\geq$  98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** SGLGRSRRGG RSRVDQEERF PQGLWTGVAM RSCP EEQYWD PLLGTCMSCK TICNHQSQRT  
CAAFCRSLSC RKEQGKFDH LLRDCISCAS ICGQHPKQCA YFCENKLRS VNLPPELRRQ RSGEVENNSD  
NSGRYQGLEH RGSEASPALP GLKLSADQV

### Application Note

Determined by its ability to block human BAFF induced T2B cell survival using a concentration range of 1.0-3.0  $\mu$ g/ml.