10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Recombinant Human TACI (TNFRSF13B)

Catalog # PBG10431

Specification

Recombinant Human TACI (TNFRSF13B) - Product Information

Recombinant Human TACI (TNFRSF13B) - Additional Information

Description
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 binds to both APRIL and BAFF and can stimulate the activation of transcription factors; NF-kappaB, AP-1, and mediates 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.

BiologicalActivity
Determined by its ability to block human BAFF induced T2B cell survival using a concentration range of 1.0-3.0 µg/ml.

Authenticity
Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin
Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content
Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage
-20°C

Precautions
Recombinant Human TACI (TNFRSF13B) is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human TACI (TNFRSF13B) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

- Flow Cytomety
- Cell Culture

Recombinant Human TACI (TNFRSF13B) - Images