



Datasheet for ABIN1344232

TACI Protein (AA 2-118, Extracellular Domain) (Fc Tag)



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1 Publication

Overview

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| Quantity: | 50 µg |
| Target: | TACI (TNFRSF13B) |
| Protein Characteristics: | Extracellular Domain, AA 2-118 |
| Origin: | Human, Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This TACI protein is labelled with Fc Tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

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| Specificity: | Binds to human and mouse BAFF and APRIL. |
| Cross-Reactivity: | Human, Mouse (Murine) |
| Characteristics: | The extracellular domain of human TACI (aa 2-118) is fused at the C-terminus to the Fc portion of human IgG1. |
| Purity: | >90 % (SDS-PAGE) |
| Endotoxin Level: | <0.01EU/µg purified protein (LAL test, Lonza). |

Target Details

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| Target: | TACI (TNFRSF13B) |
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Target Details

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| Alternative Name: | TACI (TNFRSF13B Products) |
| Background: | B-cell activating factor belonging to the TNF family receptor (BAFF-R), B-cell maturation antigen (BCMA), and transmembrane activator and calcium modulator and cyclophilin ligand interactor (TACI) play critical functions in promoting B-cell survival by engaging the ligands a proliferation-inducing ligand (APRIL) and/or BAFF. TACI is predominantly expressed on peripheral blood B cells and interacts with the B cell activating factor (BAFF) of ligands and a proliferation inducing ligand (APRIL), which are expressed by numerous cell types, including dendritic cells, macrophages and neutrophils. TNFRSF13B, the gene, which encodes TACI is mutated in nearly 10 % of patients with common variable immune deficiency (CVID), an antibody deficiency syndrome characterized by loss of memory B cells and plasma cells. |
| Molecular Weight: | ~45kDa (SDS-PAGE) |
| UniProt: | O14836 |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | Inhibits BAFF and APRIL activity. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Reconstitute with 50 µL sterile water. |
| Concentration: | Lot specific |
| Buffer: | Lyophilized. Contains PBS. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C. |
| Expiry Date: | 6 months |

Publications

| | |
|-------------------|---|
| Product cited in: | Jung, Kim, Hong, Youn, Kim: "Adiponectin induces dendritic cell activation via PLC γ /JNK/NF- κ B |
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pathways, leading to Th1 and Th17 polarization." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 188, Issue 6, pp. 2592-601, (2012) ([PubMed](#)).