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Recombinant Human TREML2 / TLT2 Protein (His tag)

产品货号: TP07401

第三版

别名:C6orf76;dJ238O23.1;FLJ13693;MGC149715;MGC149716;TLT-2;TLT2;UNQ6268/PRO20473

**描述:** Trem-like transcript 2 protein, also known as Triggering receptor expressed on myeloid cells-like protein 2, TREML2 and TLT2, is a single-pass type I membrane protein which contains one Ig-like V-type (immunoglobulin-like) domain. TREML2 is detected in cultured B cells, T cell leukemia and monocyte leukemia. TREML2 is expressed constitutively on CD8 T-cells and induced on CD4 T-cells after activation. TREML2 is a cell surface receptor that may play a role in the innate and adaptive immune response. TREML2 acts as a counter-receptor for CD276 and interaction with CD276 on T-cells enhances T-cell activation. Murine B7-H3 specifically bound to Triggering receptor expressed on myeloid cells (TREM)-like transcript 2 (TLT-2, TREML2). TREML2 was expressed on CD8(+) T cells constitutively and on activated CD4(+) T cells. Stimulation with B7-H3 transfectants preferentially up-regulated the proliferation and IFN-gamma production of CD8(+) T cells. Transduction of TREML2 into T cells resulted in enhanced IL-2 and IFN-gamma production via interactions with B7-H3. There maybe a direct interaction between B7-H3 and TREML2 that preferentially enhances CD8(+) T cell activation.

**配方:** PBS**分子量:** 28.5 kDa**序列:** Met 1-Ser 268**纯度:** > 95% by HPLC**浓度:****内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.