



Recombinant Protein Technical Manual
Recombinant Mouse TREML2/TLT2 Protein (His Tag)
RPES3530

Product Data:

Product SKU: RPES3530

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: Q2LA85

Protein Information:

Molecular Mass: 28.4 kDa

AP Molecular Mass: 58-62 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Trem-like transcript 2 protein; TLT-2; Triggering receptor expressed on myeloid cells-like protein 2; TREML2; TLT2

Immunogen Information:

Sequence: His25-Ala270

Background:

Trem-like transcript 2 protein (TLT2), also known as Triggering receptor expressed on myeloid cells-like protein 2, TLT2 and C6orf76, is single-pass type I membrane protein. TREML2 contains one Ig-like V-type domain, which can be induced in CD4 T-cell by concanavalin-A. As a cell surface receptor, TREML2 may play a role in the innate and adaptive immune response. TREML2 also acts as a counter-receptor for CD276 and interaction with CD276 on T-cells enhances T-cell activation. It has shown that TREML2 may be involved in the innate immune response based on its expression profile and the fact that it is up-regulated in response to inflammation.