9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-7940: Recombinant Human TREML1/TLT-1 (C-Fc)(Discontinued)

Gene : TREML1
Gene ID : 340205
Uniprot ID : Q86YW5

Description

Source: Human Cells.
MW :42.9kD.
Recombinant Human TREML1 is produced by our Mammalian expression system and the target gene encoding Gln16-Pro162 is expressed with a Fc tag at the C-terminus. Triggering Receptor Expressed on Myeloid Cells-Like Protein 1 (TREML1) is a single-pass type I membrane protein. TREML1 precursor contains a 15 amino acid signal peptide, a 147 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid cytoplasmic domain. It can be expressed exclusively in platelets and megakaryocytes (MKs). It is a cell surface receptor that may play a role in the innate and adaptive immune response. TREML1 Sequestered in cytoplasmic vesicles in resting platelets. TREML1 be transported to the cell surface after stimulation by thrombin. Soluble fragments can be released into the serum by proteolysis. The phosphorylated TREML1 can interact with PTPN6 and PTPN11. TREML1 may participate in maintaining vascular hemostasis and regulating coagulation and inflammation at sites of injury.

Product Info

Amount :	Fc) / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	QGIVGSLPEVLQAPVGSSILVQCHYRLQDVKAQKVWCRFLPEGCQPLVSSAVDRRAPAGRRTFLTDLGGGLLQ VEMVTLQEEDAGEYGCMVDGARGPQILHRVSLNILPPEEEEETHKIGSLAENAFSDPAGSANPLEPSQDEKSIPV DDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDG VEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSV MHEALHNHYTQKSLSLSPGK

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.