

32-9147: Recombinant Mouse TREM-1 (C-His)

Alternative Name : Triggering receptor expressed on myeloid cells 1; TREM-1; CD354; Trem1

Description

Source : Human 293 Cells;

Triggering Receptor Expressed on Myeloid Cells 1, known as TREM-1, is a transmembrane protein with a single Ig-like domain. TREM-1 is expressed on blood neutrophils and monocytes, and the expression is up-regulated by bacterial LPS. TREM-1 is expressed at high levels on neutrophils of patients with microbial sepsis and in mice with a TREM-1/Fc fusion protein protected mice against LPS-induced shock. TREM-1 associates with the adapter protein, DAP12, to deliver an activating signal, which stimulates neutrophil and monocyte-mediated inflammatory responses. TREM-1 also triggers the release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. TREM-1 is an amplifier of inflammatory responses that are triggered by bacterial and fungal infections and are a crucial mediator of septic shock.

Product Info

Amount : 500 µg / 50 µg

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

Amino Acid : Recombinant Mouse Triggering Receptor Expressed On Myeloid Cells 1 is produced by our Mammalian expression system and the target gene encoding Ala21-Ser202 is expressed with a 6His tag at the C-terminus.