

**Recombinant Human TREM-1/CD354 Protein(C-6His)**

**Cat.NO.: TP05791**

3th Edition

**Synonyms:**Triggering Receptor Expressed on Myeloid Cells 1; TREM-1; Triggering Receptor Expressed on Monocytes 1; CD354; TREM1

**Description:**Triggering Receptor Expressed on Myeloid Cells 1 (TREM-1) is a transmembrane protein with a single Ig-like domain. TREM-1 associates with the adapter protein, DAP12, to deliver an activating signal. 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. Human TREM-1 shares 42% sequence homology with mouse TREM-1.

**Form:**PBS

**Molecular Weight:**21.3 kDa

**Sequences:**Ala21-Arg200

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.