

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Recombinant Human TREM-1 (C-6His) EBT-EPT113

Article Name	Recombinant Human TREM-1 (C-6His)
Biozol Catalog Number	EBT-EPT113
Supplier Catalog Number	EPT113
Alternative Catalog Number	EBT-EPT113-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Triggering Receptor Expressed on Myeloid Cells 1 is produced by our Mammalian expression system and the target gene encoding Ala21-Arg200 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 21.3 KDa. Apparent molecular weight: 32-40 KDa, reducing conditions
UniProt	Q9NP99
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

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