

For Research Use Only

Recombinant Human TREM-1 protein (His Tag)



Catalog Number: Eg1438

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: His Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <1.0 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human TREM-1 protein Ala21-Arg200 (Accession# Q9NP99-1) with a His tag at the C-terminus.</p> <p>GeneID: 54210</p> <p>Accession: Q9NP99-1</p> <p>Predicted Molecular Mass: 21.3 kDa</p> <p>SDS-PAGE:</p> <p>Formulation: Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>Triggering receptor expressed on myeloid cells 1 (TREM1, also known as CD354) is a member of the immunoglobulin superfamily, which is expressed on neutrophils and monocytes. TREM1 plays a role in the innate immune system. TREM1 amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers.</p>		
References	<ol style="list-style-type: none">1. Li, Chenyang et al. Pharmacological research vol. 204 (2024): 107212.2. Sun, Huifang et al. Cells vol. 9,12 (2020) 2626.3. Li, Huashan et al. Brain research bulletin vol. 220 (2025): 111162.		
Synonyms	TREM1, CD354, TREM 1		

Selected Validation Data

For technical support and original validation data for this product please contact

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