

RPCB0503

Product Information

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|---------------------|-----------|--------------------|-------|--------------|-------|
| Product SKU: | RPCB0503 | Gene ID: | 54209 | Size: | 100µg |
| Tag: | C-His&Avi | Reactivity: | Human | | |

Additional Information

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|-------------------------|-------------------|-------------------|----------|
| Expression Host: | - | Swissprot: | Q9NZC2-1 |
| Purity: | > 95% by SDS-PAGE | | |

Protein Information

Background: TREM-2 (Triggering Receptor Expressed on Myeloid cells-2) is a 35 kDa type I transmembrane member of the TREM family and Ig superfamily. Mature human TREM-2 consists of a 156 amino acid (aa) extracellular domain (ECD) with one V-type Ig-like domain, a 21 aa transmembrane (TM) domain, and a 35 aa cytoplasmic tail. TREM-2 forms a receptor signaling complex with TYROBP which mediates signaling and cell activation following ligand binding (PubMed:10799849). Acts as a receptor for amyloid-beta protein 42, a cleavage product of the amyloid-beta precursor protein APP, and mediates its uptake and degradation by microglia.

Protein Description: High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human TREM2 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1 EU/µg of the protein by LAL method

Formulation: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.