

32-18469: Cynomolgus TREM2 Protein, hFc Tag

Uniprot ID : XP_015304909.2

Alternative Name : PLOSL2; TREM-2; Trem2a; Trem2b; Trem2c

Description

Description : Recombinant Cynomolgus TREM2 protein with C-terminal human Fc tag

Background : This gene encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The encoded protein functions in immune response and may be involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL). Alternative splicing results in multiple transcript variants encoding different isoforms.

Molecular Characterization: mass of 43.6 kDa after removal of the signal peptide.

Tag : C-Human Fc tag

Product Info

Amount : 50 µg / 100 µg

Purification : The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

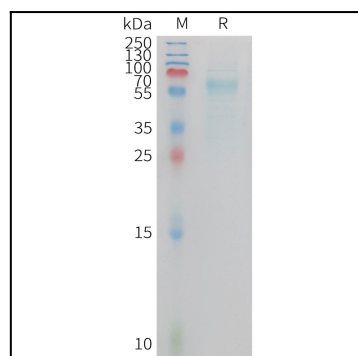


Figure 1. Cynomolgus TREM2 Protein, hFc Tag on SDS-PAGE under reducing condition.