

RPES8275

Product Information

Product SKU: RPES8275	Expression Host: Mammalian	Size: 20µg
Tag: C-Fc	Reactivity: Human	Accession: P32971

Additional Information

Calculated MW: 43.8 kDa	Observed MW: 50-70 kDa
Sequence: Gln63-Asp234	

Protein Information

Background: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms: CD153, CD153 antigen, CD30 antigen ligand, CD30 L, CD30 ligand, CD30-L, CD30L, CD30LG, MGC138144, TNFL8, Tnfsf8, Tumor necrosis factor (ligand) superfamily member 8, Tumor necrosis factor ligand superfamily member 8

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage:

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.