

RPES8266

Product Information

Product SKU:	RPES8266	Expression Host:	Mammalian	Size:	20µg
Tag:	C-Fc	Reactivity:	Human	Accession:	P29965

Additional Information

Calculated MW:	41.2 kDa	Observed MW:	40-45 kDa
Sequence:	Met113-Leu261		

Protein Information

Background: The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with an hyper-IgM syndrome.

Synonyms: CD 40L, CD154, CD40 antigen ligand, CD40 ligand, CD40 ligand, soluble form, CD40-L, CD40L, CD40L, CD40LG, gp39, hCD40L, HIGM1, IGM, IMD3, T B cell activating molecule, T BAM, T-cell antigen Gp39, TNF-related activation protein, TNFSF5, TrAP, Tumor necrosis factor (ligand) superfamily member 5, Tumor necrosis factor ligand superfamily member 5

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.