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Recombinant mouse CD40L protein, His (HEK293)

Catalog Number:	bs-43030P
Concentration:	>0.5 mg/ml
AA Seq:	112-260/260
Predicted MW:	20
Tags:	His
Activity:	Yes
Endotoxin:	Not analyzed
Purity:	>95% as determined by SDS-PAGE
Purification:	AC
Form:	Lyophilized or Liquid
Storage:	PBS (pH7.4).
	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	CD40 ligand (CD40L) is a 33 kDa type II membrane glycoprotein expressed mainly on the cell
	surface of activated T lymphocytes, but also exists as a soluble form extracellularly. CD40L is
	the ligand for CD40, a member of the TNF superfamily, which is expressed on the cell surface
	of B cells, macrophages/monocytes, dendritic cells, vascular endothelial cells, and epithelial
	cells. CD40L plays an important role in B cell proliferation, antibody class switching,
	modulation of apoptosis in the germinal center through interaction with B cells expressing
	CD40, and activation of CD4+ T cells. Mutation within the CD40L gene is linked to hyper IgM
	syndrome, an X linked immunodeficiency disease that is characterized by elevated level of
	serum IgM and decreased level of other isotypes.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.