

RPCB0448

Product Information

Product SKU:	RPCB0448	Gene ID:	10871	Size:	10µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	Q08708
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: The recombinant human CD300C consists of 166 amino acids with a molecular weight of 18.4 kDa. The apparent molecular mass of recombinant human CD300C is about 40-45 kDa in SDS-PAGE under reducing conditions due to glycosylation. The cluster of differentiation (CD) system is commonly used as cell markers in immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. CD300C is present on the surface of natural killer cells, granulocytes, most myeloid cells, dendritic cells, and a subpopulation of T and B lymphocytes. Mouse CD300C has the characteristics of an activatory molecule capable of inducing cellular activation and effector function in most cells and macrophages. The ligand for CD300C is presently unknown.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human LMIR2/CD300c Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1.0 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

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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.