

RPCB1377

Product Information

Product SKU:	RPCB1377	Gene ID:	8832	Size:	10µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	-	Swissprot:	Q9UIB8
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: SLAM family member 5 (SLAMF5/CD84) is a type I transmembrane protein in the SLAM subgroup of the CD2 family. SLAM family proteins regulate multiple aspects of immune system function. Mature human CD84 consists of a 204 amino acid (aa) extracellular domain (ECD) with two Iglike domains, a 21 aa transmembrane segment, and a 99 aa cytoplasmic domain with two immunoreceptor tyrosinebased switch motifs (ITSMs). CD84 exhibits homophilic binding which is mediated by the N-terminal Ig-like domain. Ligation induces tyrosine phosphorylation in the cytoplasmic ITSMs which then recruit the signaling adaptor molecules SAP (SLAM-associated protein) and EAT-2(EWS/Fli1-activated transcript 2).CD84 signaling inhibits Fc epsilon RI-induced mast cell activation but enhances platelet activation. LPS-induced macrophage activation, T cell proliferation and IFN-γ production, and the interactions between T cells and B cells that are required for germinal center formation.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human SLAMF5/CD84 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: < 1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Contact Details | Dublin, Ireland

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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.