

RPCB0575

Product Information

Product SKU:	RPCB0575	Gene ID:	961	Size:	100µg
Tag:	No Tag	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	Q08722-1
Purity:	> 95% by SDS-PAGE ; > 95% by HPLC		

Protein Information

Background: CD47 (Cluster of Differentiation 47) also known as integrin associated protein (IAP) is a transmembrane protein that in humans is encoded by the CD47 gene. CD47 belongs to the immunoglobulin superfamily and partners with membrane integrins and also binds the ligands thrombospondin-1 (TSP-1) and signal-regulatory protein alpha (SIRPα). CD-47 acts as a don't eat me signal to macrophages of the immune system which has made it a potential therapeutic target in some cancers.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human CD47 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 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

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.