Human CD155/PVR protein, His tag (Animal-Free)

Cat #: PRP2024 Size: 10 μg/ 50 μg/100 μg

Product Information

	Product Name: Human CD155/PVR protein, His tag (Animal-Free)		
REF	**Catalog Number:** PRP2024	LOT	**Lot Number:** Refer to product label
	Purity: >95% as determined by SDS-PAGE		
	Storage: Store at -20℃		**Preparation method:** HEK 293 cells
	Shipping: The product is shipped at ambient temperature.		

Background: CD155 is a transmembrane adhesion protein that belongs to the immunoglobulin superfamily. It possesses three immunoglobulin-like domains, a transmembrane domain, and the intracellular domain. CD155 is encoded by eight exons and differential mRNA splicing results in four isoforms named PVRα, PVRβ, PVRγ, and PVRδ. CD155 may assist in an efficient humoral immune response generated within the intestinal immune system. It has been demonstrated that CD155 can be recognized and bond by DNAM-1 and CD96 which promote the adhesion, migration and NK-cell killing, and thus efficiently prime cell-mediated tumor-specific immunity.

Sequence: Amino acid sequence derived from human CD155 (NP_006496.3) (Met1-Asn343) was expressed with a 6 His tag at the C-terminus.

Protein length: The recombinant human CD155 consists of 329 amino acids and predicts a molecular mass of 35.9 kD. It migrates as an approximately 53-70 kD band in SDS-PAGE under reducing conditions due to glycosylation.

Endotoxin: < 1.0 EU per μg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile PBS, pH 7.4.

Storage Instructions: Lyophilized Human CD155 protein product should be stored desiccated below -18℃. Upon reconstitution, the protein should be stored at 4℃ between 2 -7 days and for future use below -18℃. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized Human CD155 protein using the buffer we provided not less than 100 μg/ml, which can then be further diluted to other aqueous solution s.

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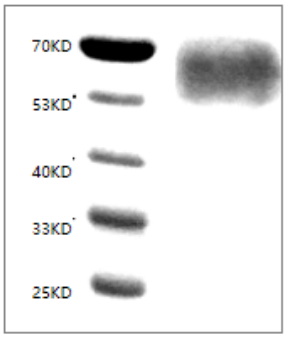	Fig. SDS-PAGE analysis of Human CD155 protein.

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