Recombinant Human NKG2-D/KLRK1/CD314 Protein

RPCB1569

Product Information

Product SKU:	RPCB1569	**Gene ID**:	22914	**Size**:	10µg
Tag:	N-Rabbit Fc	**Reactivity**:	Human		

Additional Information

Expression Host:	HEK293 cells	**Swissprot:**	P26718
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: KLRK1 (Killer Cell Lectin Like Receptor K1) is a Protein Coding gene. NKG2D, also known as CD314, is an immune receptor that consists of two disulfide-linked type II transmembrane proteins with short intracellular proteins incapable to transduce signals. To transduce signals, NKG2D needs adaptor proteins and it uses two adaptor proteins, DAP10 and DAP12. These two adaptor proteins associate as homodimers to NKG2D- therefore the entire receptor complex appears as a hexamer. NKG2D can send co-stimulatory signals to activate CD8 T cells. NKG2D also plays an important role in viral control. Cellular stress can induce ligands for NKG2D which results in the cell susceptible to NK cell-mediated lysis.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human NKG2-D/KLRK1/CD314 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: <0.1EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

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