Recombinant Human ULBP2/N2DL-2 Protein (Fc Tag)

Catalog Number:PKSH032817

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Note: Centrifuge before opening to ensure complete recovery of vial contents.

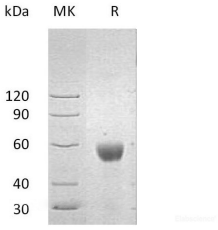
Description

Synonyms	NKG2D Ligand 2;N2DL-2;NKG2DL2;ALCAN-Alpha;Retinoic Acid Early Transcript 1H;UL16-Binding Protein 2;ULBP2;N2DL2;RAET1H
Species	Human
Expression Host	HEK293 Cells
Sequence	Gly26-Ser217
Accession	Q9BZM5
Calculated Molecular Weight	48.9 kDa
Observed molecular weight	58-65 kDa
Tag	C-Fc

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

NKG2D Ligand 2 (N2DL2) is a member of a family of cell-surface proteins. N2DL2 function as ligands for human cytomegalovirus glycoprotein UL16. N2DL2 is anchored to the membrane via a GPI-linkage. N2DL2 is bind to human NKG2D; an activating receptor expressed on NK cells; NKT cells; T cells. Engagement of NKG2D results in the activation of cytolytic activity and cytokine production by these effects cells. The ULBPs are expressed on some tumor cells and have been implicated in tumor surveillance.

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