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

Catalog Number: PKSH032816



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

Sequence

Gly26-Ser217

Accession

Calculated Molecular Weight

Observed molecular weight

Tag

HEK293 Cells

Gly26-Ser217

29BZM5

22.8 kDa

30 kDa

C-His

Properties

Purity > 95 % 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°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C 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 20mM PB, 150mM NaCl, pH 7.4.

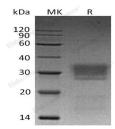
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed man

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % 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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