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Datasheet for ABIN7318835 ULBP2 Protein (Fc Tag)

Overview

Quantity:	50 µg
Target:	ULBP2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ULBP2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human ULBP2/N2DL-2 Protein (Fc Tag)(Active)
Sequence:	Gly26-Ser217
Characteristics:	Recombinant Human UL16 Binding Protein-2/NKG2D ligand 2 is produced by our Mammalian expression system and the target gene encoding Gly26-Ser217 is expressed with a Fc tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human NKG2DL2-Fc at 8µg/ml(100 µl/well) can bind Human NKG2D-His(Cat: PKSH033409). The ED50 of Human NKG2DL2-Fc is 10.32 ug/ml .

Target Details

Target:	ULBP2
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Target Details

Alternative Name:	ULBP2/N2DL-2 (ULBP2 Products)
Background:	<p>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.</p> <p>Synonym: NKG2D Ligand 2, N2DL-2, NKG2DL2, ALCAN-Alpha, Retinoic Acid Early Transcript 1H, UL16-Binding Protein 2, ULBP2, N2DL2, RAET1H</p>

Molecular Weight:	51.4 kDa
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UniProt:	Q9BZM5
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>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.</p>