

# Recombinant Human NKG2D ligand 3/ULBP3 Protein

## RPCB0422



### Product Information

<b>Product SKU:</b>	RPCB0422	<b>Gene ID:</b>	79465	<b>Size:</b>	10µg
<b>Tag:</b>	C-hFc&His	<b>Reactivity:</b>	Human		

### Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	Q9BZM4
<b>Purity:</b>	> 95% by SDS-PAGE.		

### Protein Information

**Background:** ULBP-3 is a member of a family of cell-surface proteins that function as ligands for human NKG2D. ULBP-3 has also been described under the names RaeT1N (retinoic acid early transcript), NKG2DL3, and ALCAN-gamma. The name ULBP-3 derives from the original identification of three proteins, ULBP-1, -2, and -3, as ligands for the human cytomegalovirus glycoprotein UL16; they were designated UL16 binding proteins (ULBP). The gene for ULBP-3 resides in a cluster of ten related genes, six of which encode potentially functional glycoproteins. Amino acid sequence identity within this family ranges from 30-60%. These proteins are distantly related to MHC class I proteins, but they possess only the alpha 1 and alpha 2 Ig-like domains, and they have no capacity to bind peptide or interact with beta 2-microglobulin. Some family members, including ULBP-3, are anchored to the membrane via a GPI-linkage, whereas others have transmembrane domains.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human NKG2D ligand 3/ULBP3 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 0.01 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Contact Details | Dublin, Ireland

Email: [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com) | Web: [www.assaygenie.com](http://www.assaygenie.com)

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.

**Storage:**

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