

## NKG2DL2 Protein, Human (HEK293, His-Avi)

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| Cat. No.:         | HY-P78534  |
| Synonyms:         | ALCAN-alpha; N2DL2; NKG2DL2; RAET1H; RAET1L; ULBP2; ULBP-2/5/6; NKG2D ligand 2 |
| Species:          | Human  |
| Source:           | HEK293   |
| Accession:        | Q9BZM5 (G26-S217)  |
| Gene ID:          | 80328  |
| Molecular Weight: | 30-40 kDa  |

### PROPERTIES

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| Biological Activity | Immobilized Human ULBP-2, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human NKG2D, hFc Tag with the EC <sub>50</sub> of 0.26µg/ml determined by ELISA.                            |
| Appearance          | Lyophilized powder.  |
| Formulation         | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.   |
| Endotoxin Level     | <1 EU/µg, determined by LAL method.  |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.  |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping            | Room temperature in continental US; may vary elsewhere.  |

### DESCRIPTION

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| Background | The NKG2DL2 protein functions by binding to and activating the KLRK1/NKG2D receptor, thereby facilitating natural killer cell cytotoxicity. Its interaction with KLRK1/NKG2D has been documented. Notably, this protein does not exhibit binding affinity to beta2-microglobulin, as indicated by research findings. |
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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