

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

Cat. No.:	HY-P78226
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

Biological Activity	Immobilized Biotinylated Human ULBP-2 His at 1 µg/mL (100µL/Well) on the streptavidin precoated plate (5 µg/mL). Dose response curve for Human NKG2D hFc with the EC ₅₀ of <2 µg/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 ₂ 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

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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