

NKG2DL2 Protein, Human (HEK293, His)

Cat. No.:	HY-P71164
Synonyms:	NKG2D Ligand 2; N2DL-2; NKG2DL2; ALCAN-Alpha; Retinoic Acid Early Transcript 1H; UL16-Binding Protein 2; ULBP2; N2DL2; RAET1H
Species:	Human
Source:	HEK293
Accession:	Q9BZM5 (G26-S217)
Gene ID:	80328
Molecular Weight:	Approximately 30.0 kDa

PROPERTIES

AA Sequence	<p> G R A D P H S L C Y D I T V I P K F R P G P R W C A V Q G Q V D E K T F L H Y D C G N K T V T P V S P L G K K L N V T T A W K A Q N P V L R E V V D I L T E Q L R D I Q L E N Y T P K E P L T L Q A R M S C E Q K A E G H S S G S W Q F S F D G Q I F L L F D S E K R M W T T V H P G A R K M K E K W E N D K V V A M S F H Y F S M G D C I G W L E D F L M G M D S T L E P S A G A P L A M S S </p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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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