

ULBP-6/RAET1L Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77502
Synonyms:	UL16-binding protein 6; Retinoic acid early transcript 1L protein; ULBP6; RAET1L
Species:	Human
Source:	HEK293
Accession:	Q5VY80 (M1-S217)
Gene ID:	154064
Molecular Weight:	Approximately 48.5 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants 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	NKG2DL2, a key participant in immune response modulation, exerts its influence by binding to and activating the KLRK1/NKG2D receptor. This interaction serves as a pivotal trigger for natural killer (NK) cell cytotoxicity, a fundamental aspect of the immune system's defense against various threats. NKG2DL2's ability to engage with KLRK1/NKG2D underscores its role in orchestrating NK cell responses. Notably, it does not form a binding association with beta2-microglobulin, further elucidating the specificity of its molecular interactions.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA