

Active Recombinant Human RAET1L Protein, His-tagged

Cat. No. RAET1L-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAET1L (26-218aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	26-218aa
Description	RAET1L belongs to the RAET1 family of major histocompatibility complex (MHC) class I-related genes, which are located within a 180-kb cluster on chromosome 6q24.2-q25.3. The REAT1 genes encode glycoproteins that contain extracellular alpha-1 and alpha-2 domains, but they lack the membrane proximal Ig-like alpha-3 domain. Most RAET1 glycoproteins are anchored to the membrane via glycosylphosphatidylinositol (GPI) linkage.
Form	Liquid
Bio-activity	Measured by its binding ability in a functional ELISA with Human NKG2D.
Molecular Mass	22.9kDa (202aa)
AA Sequence	RRDDPHSLCYDITVIPKFRPGPRWCAVQGQVDEKTFLLHYDCGNKTVTPVSPLGKKL NVTMAWKAQNPVLREVVDILTEQLLDIQLENYTPKEPLTLQARMSCEQKAEGHSSG

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	SWQFSIDGGQTFLFDSEKRMWTTVHPGARKMKEKWENDKDVAMSFHYISMGDCIG WLEDFLMGMDSTLEPSAGAPLAMSSG
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE, Bioactivity
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	RAET1L retinoic acid early transcript 1L [Homo sapiens (human)]
Official Symbol	RAET1L
Synonyms	RAET1L; retinoic acid early transcript 1L; ULBP6; UL16-binding protein 6; UL16 binding protein 6; retinoic acid early transcript 1L protein
Gene ID	154064
mRNA Refseq	NM_130900
Protein Refseq	NP_570970

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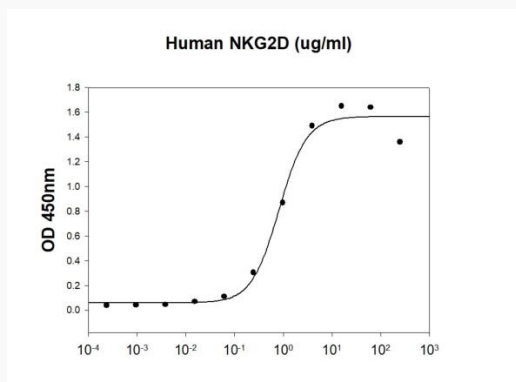
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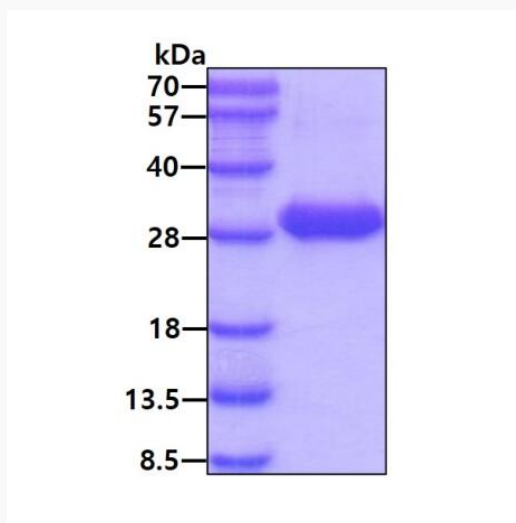
UniProt ID Q5VY80

Biological Activity



Human RAET1L/ULBP6 is coated at 10 µg/mL (100 µL/well) can bind Human NKG2D in a Functional ELISA assay.

SDS-PAGE



3µg by SDS-PAGE under reducing condition and visualized by coomassie blue

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