9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RAET1L Human

Retinoic Acid Early Transcript 1L Human Recombinant
RCP1795

Product Overview

Name	RAET1L Human
Description	
Retinoic Acid Early Transcript 1L Human Recombinant	
Accession (Primary)	Q5VY80
Synonyms	
early transcript 1L, ULBP6, UL16-binding protein 6, RAET1L, retinoic acid early transcript 1L protein, retinoic acid early transcript 1L	
Introduction	
RAET1L plays a role as a stress-induced ligand for NKG2D receptor. Retinoic Acid Early Transcript 1L (RAET1L) is linked to the cell membrane by the GPI anchor. HCMV infection triggers RAET1L′sexpression but HCMV alters its function. HCMV-encoded UL16 glycoprotein retains RAET1L/ULBP6 inside the cells, preventing it from reaching the cell surface and being exposed to cells of the immune system. RAET1L has a more restricted expression profile in cell lines and primary human tissues than other NKG2D ligands.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The RAET1L solution (1mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADPRRDDPHS LCYDITVIPK FRPGPRWCAV QGQVDEKTFL HYDCGNKTVT PVSPLGKKLN VTMAWKAQNP VLREVVDILT EQLLDIQLEN YTPKEPLTLQ ARMSCEQKAE GHSSGSWQFS IDGQTFLLFD SEKRMWTTVH PGARKMKEKW ENDKDVAMSF HYISMGDCIG WLEDFLMGMD STLEPSAGAP LAMSSG HHHH HH	

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Biological Activity

Determined by its binding ability in a functional ELISA with Human KLRK1 (CAT# pro-2474).

Precautions

RAET1L Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q5VY80)