

32-13792: RAET1L Human

Alternative Name : early transcript 1L, ULBP6, UL16-binding protein 6, RAET1L, retinoic acid early transcript 1L protein, retinoic acid early transcript 1L

Description

Source:Sf9, Baculovirus cells.

Physical Appearance:Sterile filtered colorless solution.

Biological ActivityDetermined by its binding ability in a functional ELISA with Human KLRK1.

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's expression 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.

RAET1L Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 202 amino acids (26-218 a.a) and having a molecular mass of 22.9kDa.RAET1L is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 10 µg / 2 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Storage condition : 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.

Amino Acid : ADPRRDDPHS LCYDITVIPK FRPGPRWCAV QGQVDEKTF L HYDCGNKTVT PVSPLGKKLN
VTMAWKAQNP VLREVDILT EQLLDIQLEN YTPKEPLTLQ ARMSCEQKAE GHSSGSWQFS IDGQTLLFD
SEKRMWTTVH PGARKMKEKW ENDKDVAMSF HYISMGDCIG WLEDFLMGMD STLEPSAGAP
LAMSSGHHHH HH