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32-13372: RAET1E Human, Sf9

Alternative Name : Retinoic Acid Early Transcript 1E, Lymphocyte Effector Toxicity Activation Ligand, RAE-1-Like Transcript 4, NKG2DL4, N2DL-4, LETAL, ULBP4, RL-4, NKG2D Ligand 4, BA350J20.7, RAET1E2, N2DL4.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
RAET1E is a member of the MHC class I family. MHC class I family contains main histocompatibility complex (MHC) class I-related genes positioned in a cluster on chromosome 6q24.2-q25.3. RAET1E and RAET1G protein are different from other RAET1 proteins since they have type I membrane-spanning sequences at their C termini instead glycosylphosphatidylinositol anchor sequences.RAET1E acts as a ligand for NKG2D receptor, expressed on the surface of numerous types of immune cells, involves in innate adaptive immune reactions.RAET1E delivers signals to NK cells and advances tumor immune surveillance by inducing the growth of anti-tumor cytotoxic lymphocyte.
RAET1E Human Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 204 amino acids (31-225 a.a.) and having a molecular mass of 23.4kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).RAET1E is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	RAET1E protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
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 :	ADPHSLCFNF TIKSLSRPGQ PWCEAQVFLN KNLFLQYNSD NNMVKPLGLL GKKVYATSTW GELTQTLGEV GRDLRMLLCD IKPQIKTSDP STLQVEMFCQ REAERCTGAS WQFATNGEKS LLFDAMNMTW TVINHEASKI KETWKKDRGL EKYFRKLSKG DCDHWLREFL GHWEAMPEPT VSPVNASDIH WSSSSLPDHH HHHH.