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32-4590: Recombinant Human Retinoic Acid Early Transcript 1E

Alternative Name :	bA350J20.7,LETAL,N2DL-4,NKG2DL4,RAET1E2,RL-4,ULBP4,NKG2D ligand 4,Retinoic acid early transcript 1E,RAE-1-like transcript 4,Lymphocyte effector toxicity activation ligand,UNQ1867/PRO4303.

Description

Source : Escherichia Coli. RAET1E Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 219 amino acids (31-225 a.a.) and having a molecular mass of 24.9kDa.RAET1E is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	RAET1E protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA 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 :	MGSSHHHHHH SSGLVPRGSH MGSMHSLCFN FTIKSLSRPG QPWCEAQVFL NKNLFLQYNS DNNMVKPLGL LGKKVYATST WGELTQTLGE VGRDLRMLLC DIKPQIKTSD PSTLQVEMFC QREAERCTGA SWQFATNGEK SLLFDAMNMT WTVINHEASK IKETWKKDRG LEKYFRKLSK GDCDHWLREF LGHWEAMPEP TVSPVNASDI HWSSSSLPD.